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AGA American Gas Association

Gas Stats

Monthly Gas Utility Statistical Report

Planning and Analysis

1515 Wilson Boulevard
Arlington, Virginia 22209

Department of Statistics
Editor: Susan Brown (703) 841-8503

AUGUST 1988

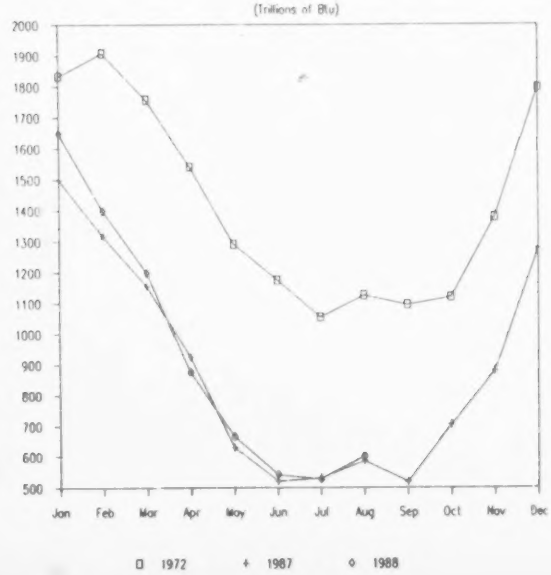
Commercial and industrial sales increased while residential and electric generation sales decreased in August 1988 compared with last year. Total utility sales were up from 586.2 trillion Btu in August 1987 to 601.8 trillion Btu in August 1988. Transportation volumes to end-users were up 7.7 percent compared with last year.

GAS UTILITY VOLUMES TO ULTIMATE CONSUMERS (Trillions of Btu)

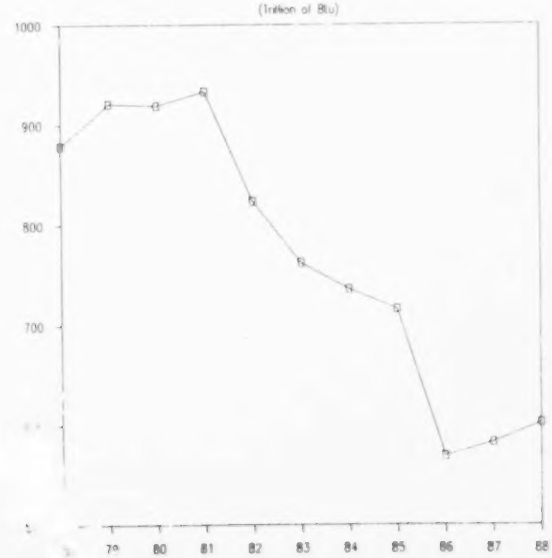
	August			Year to Date		January 1 to December 31		
	1988	1987	%Change[1]	1988	(% Change) Last Period	1988 Forecast[2]	1987	% Change
Residential	120.3	120.5	- 0.2	3,230.9	+ 7.4	4,579.5	4,384.8	+ 4.4
Commercial	87.5	82.2	+ 6.4	1,574.1	+ 7.6	2,282.4	2,155.8	+ 5.9
Industrial*	186.7	169.0	+ 10.5	1,590.9	+ 1.9	2,367.8	2,338.8	+ 1.2
Elec. Gen.*	199.5	206.5	- 3.4	957.7	- 7.2	1,434.6	1,509.1	- 4.9
Other	7.8	8.0	-	105.4	-	153.7	154.7	-
Total Sales	601.8	586.2	+ 2.7	7,459.0	+ 4.1	10,818.0	10,543.2	+ 2.6
Transportation*	320.6	297.7	+ 7.7	2,655.5	+ 21.5	3,871.5	3,394.7	+ 14.0
Total Volumes	922.4	883.9	+ 4.4	10,114.5	+ 8.2	14,689.5	13,937.9	+ 5.4**

*Significant sales volumes have been displaced by transportation volumes.
**No direct comparison with EIA consumption figures should be made.

TOTAL MONTHLY GAS UTILITY SALES



AUGUST TOTAL GAS UTILITY SALES



RESIDENTIAL APPLIANCE SHIPMENTS - AUGUST
(Thousands of Units)

		1988	1987	% Change '87 vs. '88
Domestic Ranges	- Gas	193.3	164.5	+ 17.5
	- Electric	287.1	289.7	- 0.9
Clothes Dryers	- Gas	99.4	87.0	+ 14.3
	- Electric	329.8	294.4	+ 12.0
Water Heaters	- Gas	289.6	289.8	- 0.1
	- Electric	272.9	270.7	+ 0.8
Warm Air Furnaces	- Gas	200.7	203.0	- 1.1
	- Electric	23.9	33.1	- 27.6
	- Oil	22.6	22.8	- 1.2
Boilers	- Gas	20.3	17.9	+ 13.4
	- Electric	0.1	0.1	- 21.6
	- Oil	14.6	12.5	+ 16.3

Source: Gas Appliance Manufacturers Association (GAMA). Association of Home Appliance Manufacturers.

SPOT PRICES TO GAS DISTRIBUTION COMPANIES
(August 1988)

Receipt Point	Price ($/MMBtu)[a]
Northeast	$1.98
Southeast	$2.06
Midwest	$1.85
Southwest	$1.57
West	$2.17
Total	$1.96

Source: American Gas Association
[a]Represents average price paid at receipt point for a one-month contract.

ECONOMIC INDICATORS - AUGUST

	1988	1987	% Change '87 vs '88
Total Actual Private Housing Starts (Thous. of units)	135.0	143.6	- 6.0
Consumer Price Index (All urban, unadjusted, 1982 - 1984 = 100)			
Gas (utility pipe gas)	95.2	96.9	- 1.8
Electricity	116.8	116.6	+ 0.2
Fuel Oil	73.5	75.9	- 3.2

Source: Department of Commerce, Bureau of Labor Statistics

Index Total Gas Sales (1972 = 100)	53.4	52.1	+ 2.6
Gas Utility Prices ($/MMBtu)			
Residential	6.62	6.71	- 1.3
Commercial	4.40	4.87	- 9.6
Industrial	2.53	2.98	- 15.1
Electric Generation	2.84	2.47	+ 15.0
Total	3.73	3.83	- 2.6
Carriage Volumes[3] (Trillions of Btu)			
To Ultimate Consumers	320.	297.7	+ 7.7
For Ultimate Consumers	85.8	92.2	- 6.9
For Resale	638.6	586.8	+ 8.8
Total	1,045.0	976.7	+ 7.0

Source: American Gas Association

AVERAGE GAS UTILITY PRICES FOR THE 12 MONTH PERIOD ENDING
($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind. Only	Elec. Gen.	Other
1979	Dec.	2.522	2.918	2.665	2.261	2.120	1.937
1980	Dec.	3.134	3.612	3.336	3.184	2.651	2.667
1981	Dec.	3.650	4.161	3.909	3.311	3.241	3.458
1982	Dec.	4.456	4.969	4.721	3.969	4.090	4.303
1983	Dec.	5.120	5.882	5.508	4.486	4.198	4.921
1984	Dec.	5.128	5.938	5.511	4.410	4.222	4.869
1985	Dec.	5.017	5.953	5.441	4.248	3.812	4.791
1986	Dec.	4.602	5.651	5.035	3.650	2.726	4.025
1987	Jul.	4.397	5.463	4.809	3.284	2.594	3.669
	Aug.	4.381	5.460	4.808	3.263	2.571	3.638
	Sep.	4.377	5.456	4.806	3.240	2.557	3.596
	Oct.	4.357	5.434	4.783	3.203	2.541	3.525
	Nov.	4.336	5.413	4.774	3.157	2.529	3.486
	Dec.	4.315	5.387	4.764	3.112	2.513	3.424
1988[P]	Jan.	4.301	5.338	4.736	3.106	2.520	3.370
	Feb.	4.285	5.300	4.708	3.092	2.531	3.343
	Mar.	4.275	5.291	4.698	3.081	2.528	3.311
	Apr.	4.279	5.283	4.694	3.068	2.535	3.316
	May	4.162	5.277	4.678	3.050	2.513	3.318
	Jun.	4.150	5.271	4.661	3.026	2.506	3.302
	Jul.	4.142	5.270	4.648	2.988	2.512	3.337
	Aug.	4.242	5.267	4.630	2.952	2.562	3.344

AVERAGE MONTHLY GAS UTILITY PRICES
($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind.& Elec.	Ind. Only	Elec. Only
1986	Aug.	4.12	6.81	4.90	3.01	3.30	2.65
	Sep.	4.12	6.48	4.81	3.02	3.33	2.68
	Oct.	4.41	6.22	4.95	3.10	3.39	2.59
	Nov.	4.51	5.49	4.77	3.24	3.52	2.62
	Dec.	4.55	5.15	4.72	3.35	3.60	2.76
1987	Jan.	4.48	5.13	4.74	2.94	3.03	2.62
	Feb.	4.60	5.15	4.79	3.23	3.43	2.62
	Mar.	4.47	5.13	4.72	3.11	3.34	2.63
	Apr.	4.29	5.26	4.78	2.92	3.25	2.53
	May	4.18	5.77	4.93	2.78	2.98	2.50
	Jun.	4.35	6.92	5.36	2.75	3.01	2.42
	Jul.	4.01	6.55	4.88	2.81	3.06	2.54
	Aug.	3.83	6.71	4.87	2.70	2.98	2.47
	Sep.	4.00	6.39	4.75	2.76	2.97	2.54
	Oct.	4.10	5.74	4.56	2.72	2.94	2.41
	Nov.	4.27	5.30	4.68	2.84	3.05	2.43
	Dec.	4.38	5.01	4.65	2.98	3.17	2.54
1988[P]	Jan.	4.37	4.91	4.57	2.95	2.99	2.79
	Feb.	4.46	5.33	4.61	3.21	3.28	2.94
	Mar.	4.37	5.06	4.63	2.99	3.20	2.55
	Apr.	4.33	5.16	4.74	2.92	3.09	2.63
	May	4.04	5.61	4.60	2.52	2.72	2.26
	Jun.	4.10	6.63	4.88	2.50	2.64	2.33
	Jul.	3.82	6.51	4.54	2.53	2.55	2.60
	Aug.	3.73	6.62	4.40	2.69	2.53	2.84

Editor - Vanessa Chu (703/841-8503)

[1]Gas volumes are based on, and the percent change is a function of, the 69 sample companies whose sales constitute about 58% of total gas utility sales to ultimate consumers. The peak year in total sales for the gas utility industry occurred in 1972.

[2]1988 forecasts for the residential and commercial sectors are based on available 1988 monthly data with the remaining months derived by using a four year average. The industrial sector forecast (industrial only, electric generation, and transportation) is also based on available 1988 monthly data with the remaining months of 1988 heavily weighted by last years volumes with no adjustment made for degree days.

[3]Carriage volumes determined by using a simple straight expansion of sample data to represent the total gas utility industry. Carriage volumes for ultimate consumers are volumes owned by the ultimate consumer but delivered to another transporter, not the ultimate consumer, and are therefore broken out to eliminate double counting of volumes delivered to ultimate consumers.

P-Preliminary. R-Revised.

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SEPTEMBER 1988

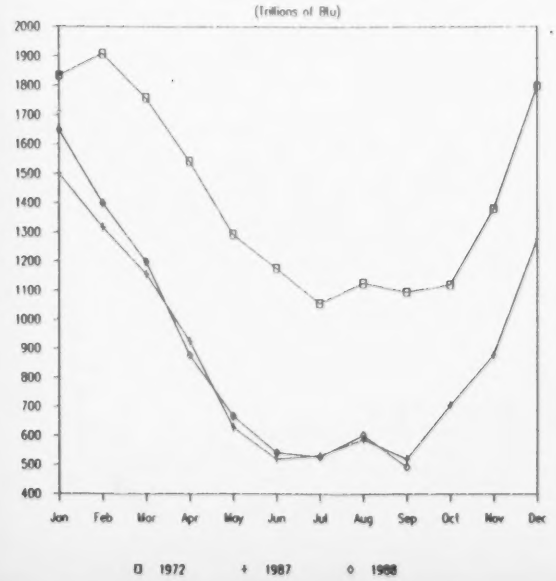
Commercial sales increased while residential, industrial and electric generation sales decreased in September 1988 compared with last year. Total utility sales were down from 518.8 trillion Btu in September 1987 to 492.0 trillion Btu in September 1988. Transportation volumes to end-users were up 11.1 percent compared with last year.

GAS UTILITY VOLUMES TO ULTIMATE CONSUMERS (Trillions of Btu)

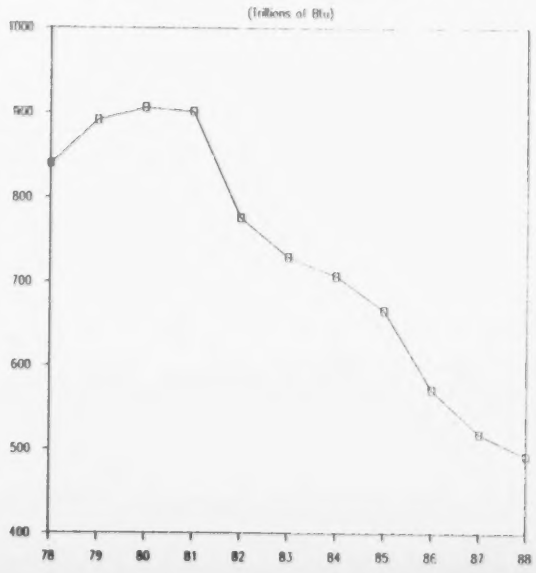
	September			Year to Date		January 1 to December 31		
	1988	1987	%Change[1]	1988	(% Change) Last Period	1988 Forecast[2]	1987	% Change
Residential	129.5	130.2	- 0.6	3,360.4	+ 7.1	4,577.0	4,384.8	+ 4.4
Commercial	87.4	86.2	+ 1.4	1,661.5	+ 7.3	2,279.2	2,155.8	+ 5.7
Industrial*	148.8	151.4	- 1.7	1,739.7	+ 1.5	2,365.2	2,338.8	+ 1.1
Elec. Gen.*	119.4	142.3	- 16.1	1,077.1	- 8.3	1,411.7	1,509.1	- 6.5
Other	6.9	8.7	-	112.3	-	153.5	154.7	-
Total Sales	492.0	518.8	- 5.2	7,951.0	+ 3.5	10,786.6	10,543.2	+ 2.3
Transportation*	344.2	309.8	+ 11.1	2,999.7	+ 20.2	3,903.8	3,400.2	+ 14.8
Total Volumes	826.2	828.6	- 0.3	10,950.7	+ 7.6	14,690.4	13,943.4	+ 5.4**

*Significant sales volumes have been displaced by transportation volumes.
**No direct comparison with EIA consumption figures should be made.

TOTAL MONTHLY GAS UTILITY SALES



SEPTEMBER TOTAL GAS UTILITY SALES



RESIDENTIAL APPLIANCE SHIPMENTS - SEPTEMBER
(Thousands of Units)

		1988	1987	% Change '87 vs. '88
Domestic Ranges	- Gas	181.8	200.5	- 9.3
	- Electric	269.5	288.8	- 6.7
Clothes Dryers	- Gas	103.5	104.0	- 0.5
	- Electric	333.1	346.4	- 3.8
Water Heaters	- Gas	321.4	311.7	+ 3.1
	- Electric	272.9	269.7	+ 1.2
Warm Air Furnaces	- Gas	254.0	234.0	+ 8.6
	- Electric	24.7	31.6	- 21.9
	- Oil	32.1	31.8	+ 0.8
Boilers	- Gas	28.4	22.0	+ 29.4
	- Electric	0.1	0.1	+ 2.1
	- Oil	19.1	15.5	+ 22.6

Source: Gas Appliance Manufacturers Association (GAMA). Association of Home Appliance Manufacturers.

SPOT PRICES TO GAS DISTRIBUTION COMPANIES
(September 1988)

Receipt Point	Price ($/MMBtu)[a]
Northeast	$2.11
Southeast	$2.20
Midwest	$2.00
Southwest	$1.68
West	$2.29
Total	$2.04

Source: American Gas Association
[a]Represents average price paid at receipt point for a one-month contract.

ECONOMIC INDICATORS - SEPTEMBER

	1988	1987	% Change '87 vs '88
Total Actual Private Housing Starts (Thous. of units)	130.6	152.0	- 14.1
Consumer Price Index (All urban, unadjusted, 1982 - 1984 = 100)			
Gas (utility pipe gas)	95.1	96.3	- 1.2
Electricity	117.2	116.2	+ 0.9
Fuel Oil	72.9	75.5	- 3.4

Source: Department of Commerce, Bureau of Labor Statistics

Index Total Gas Sales (1972 = 100)	45.0	47.4	- 5.2
Gas Utility Prices ($/MMBtu)			
Residential	6.37	6.39	- 0.3
Commercial	4.48	4.75	- 5.7
Industrial	2.70	2.97	- 9.1
Electric Generation	2.72	2.54	+ 7.1
Total	3.99	4.00	- 0.3
Carriage Volumes[3] (Trillions of Btu)			
To Ultimate Consumers	344.2	309.8	+ 11.1
For Ultimate Consumers	74.4	85.0	- 12.5
For Resale	562.1	490.2	+ 14.7
Total	980.7	885.0	+ 10.8

Source: American Gas Association

AVERAGE GAS UTILITY PRICES FOR THE 12 MONTH PERIOD ENDING
($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind. Only	Elec. Gen.	Other
1979	Dec.	2.522	2.918	2.665	2.261	2.120	1.937
1980	Dec.	3.134	3.612	3.336	3.184	2.651	2.667
1981	Dec.	3.650	4.161	3.909	3.311	3.241	3.458
1982	Dec.	4.456	4.969	4.721	3.969	4.090	4.303
1983	Dec.	5.120	5.882	5.508	4.486	4.198	4.921
1984	Dec.	5.128	5.938	5.511	4.410	4.222	4.869
1985	Dec.	5.017	5.953	5.441	4.248	3.812	4.791
1986	Dec.	4.602	5.651	5.035	3.650	2.726	4.025
1987	Sep.	4.377	5.456	4.806	3.240	2.557	3.596
	Oct.	4.357	5.434	4.783	3.203	2.541	3.525
	Nov.	4.336	5.413	4.774	3.157	2.529	3.486
	Dec.	4.315	5.387	4.764	3.112	2.513	3.424
1988[P]	Jan.	4.301	5.338	4.736	3.106	2.520	3.370
	Feb.	4.285	5.300	4.708	3.092	2.531	3.343
	Mar.	4.275	5.291	4.698	3.081	2.528	3.311
	Apr.	4.279	5.283	4.694	3.068	2.535	3.316
	May	4.162	5.277	4.678	3.050	2.513	3.318
	Jun.	4.150	5.271	4.661	3.026	2.506	3.302
	Jul.	4.142	5.270	4.648	2.988	2.512	3.337
	Aug.	4.242	5.267	4.630	2.952	2.562	3.344
	Sep.	4.242	5.267	4.620	2.936	2.577	3.361

AVERAGE MONTHLY GAS UTILITY PRICES
($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind.& Elec.	Ind. Only	Elec. Only
1986	Sep.	4.12	6.48	4.81	3.02	3.33	2.68
	Oct.	4.41	6.22	4.95	3.10	3.39	2.59
	Nov.	4.51	5.49	4.77	3.24	3.52	2.62
	Dec.	4.55	5.15	4.72	3.35	3.60	2.76
1987	Jan.	4.48	5.13	4.74	2.94	3.03	2.62
	Feb.	4.60	5.15	4.79	3.23	3.43	2.62
	Mar.	4.47	5.13	4.72	3.11	3.34	2.63
	Apr.	4.29	5.26	4.78	2.92	3.25	2.53
	May	4.18	5.77	4.93	2.78	2.98	2.50
	Jun.	4.35	6.92	5.36	2.75	3.01	2.42
	Jul.	4.01	6.55	4.88	2.81	3.06	2.54
	Aug.	3.83	6.71	4.87	2.70	2.98	2.47
	Sep.	4.00	6.39	4.75	2.76	2.97	2.54
	Oct.	4.10	5.74	4.56	2.72	2.94	2.41
	Nov.	4.27	5.30	4.68	2.84	3.05	2.43
	Dec.	4.38	5.01	4.65	2.98	3.17	2.54
1988[P]	Jan.	4.37	4.91	4.57	2.95	2.99	2.79
	Feb.	4.46	5.33	4.61	3.21	3.28	2.94
	Mar.	4.37	5.06	4.63	2.99	3.20	2.55
	Apr.	4.33	5.16	4.74	2.92	3.09	2.63
	May	4.04	5.61	4.60	2.52	2.72	2.26
	Jun.	4.10	6.63	4.88	2.50	2.64	2.33
	Jul.	3.82	6.51	4.54	2.53	2.55	2.60
	Aug.	3.73	6.62	4.40	2.69	2.53	2.84
	Sep.	3.99	6.37	4.48	2.71	2.70	2.72

Editor - Vanessa Chu (703/841-8503)

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[2]1988 forecasts for the residential and commercial sectors are based on available 1988 monthly data with the remaining months derived by using a four year average. The industrial sector forecast (industrial only, electric generation, and transportation) is also based on available 1988 monthly data with the remaining months of 1988 heavily weighted by last years volumes with no adjustment made for degree days.
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OCTOBER 1988

Residential, commercial and industrial sales increased while electric generation sales decreased in October 1988 compared with last year. Total utility sales were down from 704.2 trillion Btu in October 1987 to 691.9 trillion Btu in October 1988. Transportation volumes to end-users were up 4.2 percent compared with last year.

GAS UTILITY VOLUMES TO ULTIMATE CONSUMERS (Trillions of Btu)

	October			Year to Date		January 1 to December 31		
	1988	1987	%Change[1]	1988	(% Change) Last Period	1988 Forecast[2]	1987	% Change
Residential	251.2	239.3	+ 5.0	3,611.6	+ 6.9	4,616.9	4,384.8	+ 5.3
Commercial	135.2	134.3	+ 0.7	1,796.7	+ 6.7	2,290.8	2,155.8	+ 6.3
Industrial*	202.5	190.5	+ 6.3	1,942.2	+ 2.0	2,377.2	2,338.8	+ 1.6
Elec. Gen.*	91.5	128.8	- 28.9	1,168.6	- 10.3	1,374.4	1,509.1	- 8.9
Other	11.5	11.3	-	123.8	-	155.6	154.7	-
Total Sales	691.9	704.2	- 1.7	8,642.9	+ 3.0	10,814.9	10,543.2	+ 2.6
Transportation*	346.5	332.5	+ 4.2	3,346.2	+ 18.3	3,944.5	3,426.9	+ 15.1
Total Volumes	1,038.4	1,036.7	+ 0.2	11,989.1	+ 6.9	14,759.4	13,970.1	+ 5.6**

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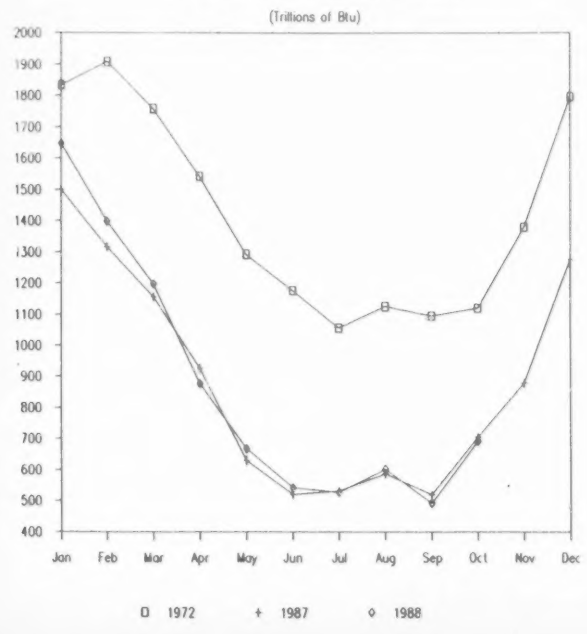
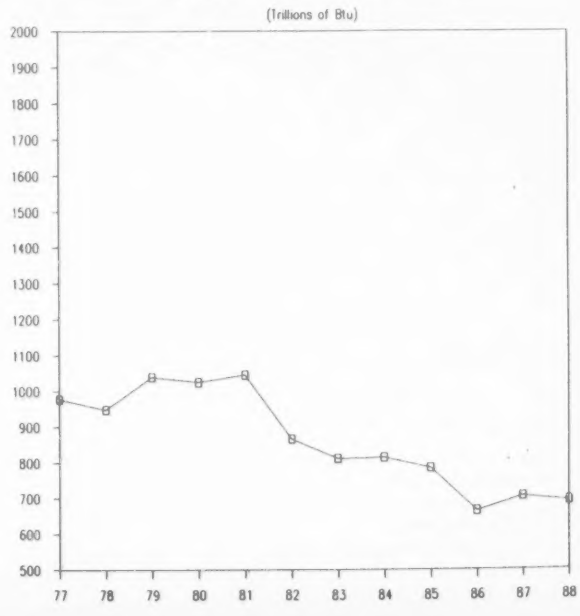
**No direct comparison with EIA consumption figures should be made.

TOTAL MONTHLY GAS UTILITY SALES



OCTOBER TOTAL GAS UTILITY SALES



RESIDENTIAL APPLIANCE SHIPMENTS - OCTOBER

(Thousands of Units)

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Water Heaters	- Gas	380.8	360.6	+ 5.6
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Warm Air Furnaces	- Gas	251.9	240.6	+ 4.7
	- Electric	23.1	29.1	- 20.7
	- Oil	27.2	25.8	+ 5.5
Boilers	- Gas	32.1	28.4	+ 12.9
	- Electric	0.1	0.1	- 49.2
	- Oil	20.5	18.1	+ 12.9

Source: Gas Appliance Manufacturers Association (GAMA). Association of Home Appliance Manufacturers.

SPOT PRICES TO GAS DISTRIBUTION COMPANIES

(October 1988)

Receipt Point	Price ($/MMBtu)[a]
Northeast	$2.18
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Midwest	$2.09
Southwest	$1.72
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Consumer Price Index (All urban, unadjusted, 1982 - 1984 = 100)			
Gas (utility pipe gas)	96.7	95.7	+ 1.0
Electricity	112.2	108.9	+ 3.0
Fuel Oil	70.9	76.6	- 7.4

Source: Department of Commerce, Bureau of Labor Statistics

Index Total Gas Sales (1972 = 100)	61.8	62.9	- 1.7
Gas Utility Prices ($/MMBtu)			
Residential	5.78	5.74	+ 0.7
Commercial	4.51	4.56	- 1.1
Industrial	2.63	2.94	- 10.5
Electric Generation	2.53	2.41	+ 5.0
Total	4.13	4.10	+ 0.7
Carriage Volumes[3] (Trillions of Btu)			
To Ultimate Consumers	346.5	332.5	+ 4.2
For Ultimate Consumers	87.9	87.4	+ 0.6
For Resale	587.3	572.5	+ 2.6
Total	1,021.7	992.4	+ 3.0

Source: American Gas Association

AVERAGE GAS UTILITY PRICES FOR THE 12 MONTH PERIOD ENDING

($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind. Only	Elec. Gen.	Other
1979	Dec.	2.522	2.918	2.665	2.261	2.120	1.937
1980	Dec.	3.134	3.612	3.336	3.184	2.651	2.667
1981	Dec.	3.650	4.161	3.909	3.311	3.241	3.458
1982	Dec.	4.456	4.969	4.721	3.969	4.090	4.303
1983	Dec.	5.120	5.882	5.508	4.486	4.198	4.921
1984	Dec.	5.128	5.938	5.511	4.410	4.222	4.869
1985	Dec.	5.017	5.953	5.441	4.248	3.812	4.791
1986	Dec.	4.602	5.651	5.035	3.650	2.726	4.025
1987	Oct.	4.357	5.434	4.783	3.203	2.541	3.525
	Nov.	4.336	5.413	4.774	3.157	2.529	3.486
	Dec.	4.315	5.387	4.764	3.112	2.513	3.424
1988[P]	Jan.	4.301	5.338	4.736	3.106	2.520	3.370
	Feb.	4.285	5.300	4.708	3.092	2.531	3.343
	Mar.	4.275	5.291	4.698	3.081	2.528	3.311
	Apr.	4.279	5.283	4.694	3.068	2.535	3.316
	May	4.162	5.277	4.678	3.050	2.513	3.318
	Jun.	4.150	5.271	4.661	3.026	2.506	3.302
	Jul.	4.142	5.270	4.648	2.988	2.512	3.337
	Aug.	4.242	5.267	4.630	2.952	2.562	3.344
	Sep.	4.242	5.267	4.620	2.936	2.577	3.361
	Oct.	4.244	5.270	4.617	2.909	2.590	3.356

AVERAGE MONTHLY GAS UTILITY PRICES

($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind.& Elec.	Ind. Only	Elec. Only
1986	Oct.	4.41	6.22	4.95	3.10	3.39	2.59
	Nov.	4.51	5.49	4.77	3.24	3.52	2.62
	Dec.	4.55	5.15	4.72	3.35	3.60	2.76
1987	Jan.	4.48	5.13	4.74	2.94	3.03	2.62
	Feb.	4.60	5.15	4.79	3.23	3.43	2.62
	Mar.	4.47	5.13	4.72	3.11	3.34	2.63
	Apr.	4.29	5.26	4.78	2.92	3.25	2.53
	May	4.18	5.77	4.93	2.78	2.98	2.50
	Jun.	4.35	6.92	5.36	2.75	3.01	2.42
	Jul.	4.01	6.55	4.88	2.81	3.06	2.54
	Aug.	3.83	6.71	4.87	2.70	2.98	2.47
	Sep.	4.00	6.39	4.75	2.76	2.97	2.54
	Oct.	4.10	5.74	4.56	2.72	2.94	2.41
	Nov.	4.27	5.30	4.68	2.84	3.05	2.43
	Dec.	4.38	5.01	4.65	2.98	3.17	2.54
1988[P]	Jan.	4.37	4.91	4.57	2.95	2.99	2.79
	Feb.	4.46	5.33	4.61	3.21	3.28	2.94
	Mar.	4.37	5.06	4.63	2.99	3.20	2.55
	Apr.	4.33	5.16	4.74	2.92	3.09	2.63
	May	4.04	5.61	4.60	2.52	2.72	2.26
	Jun.	4.10	6.63	4.88	2.50	2.64	2.33
	Jul.	3.82	6.51	4.54	2.53	2.55	2.60
	Aug.	3.73	6.62	4.40	2.69	2.53	2.84
	Sep.	3.99	6.37	4.48	2.71	2.70	2.72
	Oct.	4.13	5.78	4.51	2.60	2.63	2.53

Editor - Vanessa Chu (703/841-8503)

[1]Gas volumes are based on, and the percent change is a function of, the 69 sample companies whose sales constitute about 58% of total gas utility sales to ultimate consumers. The peak year in total sales for the gas utility industry occurred in 1972.

[2]1988 forecasts for the residential and commercial sectors are based on available 1988 monthly data with the remaining months derived by using a four year average. The industrial sector forecast (industrial only, electric generation, and transportation) is also based on available 1988 monthly data with the remaining months of 1988 heavily weighted by last years volumes with no adjustment made for degree days.

[3]Carriage volumes determined by using a simple straight expansion of sample data to represent the total gas utility industry. Carriage volumes for ultimate consumers are volumes owned by the ultimate consumer but delivered to another transporter, not the ultimate consumer, and are therefore broken out to eliminate double counting of volumes delivered to ultimate consumers.

P-Preliminary.

A1775-2

AGA American Gas Association

Gas Stats

Monthly Gas Utility Statistical Report

Planning and Analysis

1515 Wilson Boulevard
Arlington, Virginia 22209

Department of Statistics
Editor: Vanessa Chu (703) 841-8503

NOVEMBER 1988

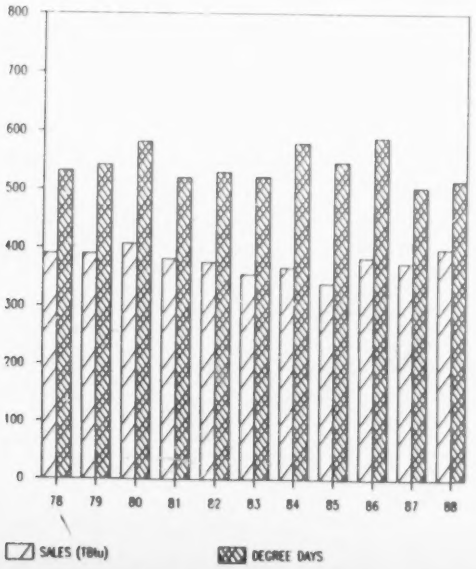
Residential and commercial sales increased while industrial and electric generation sales decreased in November 1988 compared with last year. Total utility sales were down from 878.3 trillion Btu in November 1987 to 863.4 trillion Btu in November 1988. Transportation volumes to end-users were up 9.8 percent compared with last year.

GAS UTILITY VOLUMES TO ULTIMATE CONSUMERS (Trillions of Btu)

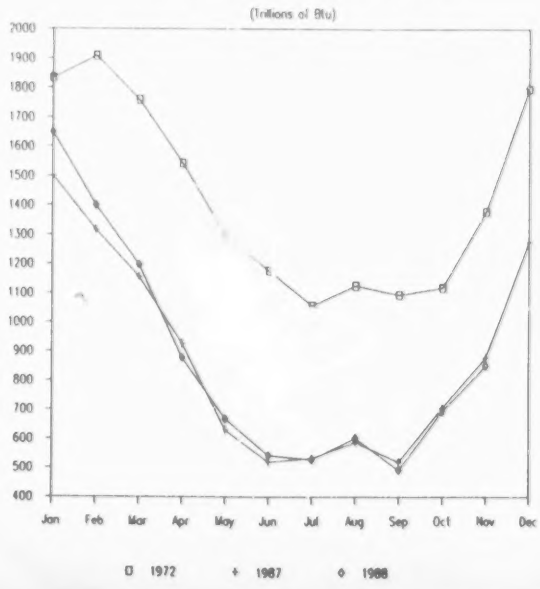
	November			Year to Date		January 1 to December 31		
	1988	1987	%Change[1]	1988	(% Change) Last Period	1988 Forecast[2]	1987	% Change
Residential	399.3	370.8	+ 7.7	4,010.9	+ 7.0	4,650.8	4,384.8	+ 6.1
Commercial	196.0	184.1	+ 6.5	1,992.7	+ 6.7	2,295.5	2,155.8	+ 6.5
Industrial*	184.7	206.0	- 10.3	2,126.9	+ 0.8	2,355.9	2,338.8	+ 0.7
Elec. Gen.*	66.2	104.2	- 36.5	1,234.8	- 12.3	1,336.4	1,509.1	- 11.4
Other	17.2	13.2	-	141.0	-	160.6	154.7	-
Total Sales	863.4	878.3	- 1.7	9,506.3	+ 2.6	10,799.2	10,543.2	+ 2.4
Transportation*	333.0	303.2	+ 9.8	3,679.2	+ 17.5	3,993.2	3,445.8	+ 15.9
Total Volumes	1,196.4	1,181.5	+ 1.3	13,185.5	+ 6.3	14,792.4	13,989.0	+ 5.7**
Degree Days***	516	504	+ 2.4					

*Significant sales volumes have been displaced by transportation volumes.
**No direct comparison with EIA consumption figures should be made.
***Source: NOAA (Weighted by Gas Homeheating Customers - Normal for November is 563).

NOVEMBER RESIDENTIAL GAS UTILITY SALES



TOTAL MONTHLY GAS UTILITY SALES



RESIDENTIAL APPLIANCE SHIPMENTS - NOVEMBER
(Thousands of Units)

		1988	1987	% Change '87 vs.'88
Domestic Ranges	- Gas	203.2	187.9	+ 8.1
	- Electric	287.0	284.8	+ 0.8
Clothes Dryers	- Gas	92.3	89.0	+ 3.7
	- Electric	308.6	302.1	+ 2.2
Water Heaters	- Gas	307.4	310.4	- 0.9
	- Electric	259.3	257.8	+ 0.6
Warm Air Furnaces	- Gas	223.0	193.7	+ 15.2
	- Electric	17.0	23.8	- 28.5
	- Oil	22.8	24.3	- 6.2
Boilers	- Gas	25.8	22.5	+ 14.4
	- Electric	0.1	0.1	+ 14.6
	- Oil	16.2	13.8	+ 17.9

Source: Gas Appliance Manufacturers Association (GAMA). Association of Home Appliance Manufacturers.

SPOT PRICES TO GAS DISTRIBUTION COMPANIES
(November 1988)

Receipt Point	Price ($/MMBtu)[a]
Northeast	$2.44
Southeast	$2.40
Midwest	$2.15
Southwest	$1.85
West	$2.01
Total	$2.12

Source: American Gas Association
[a]Represents average price paid at receipt point for a one-month contract.

ECONOMIC INDICATORS - NOVEMBER

	1988	1987	% Change '87 vs '88
Total Actual Private Housing Starts (Thous. of units)	112.6	118.8	- 5.2
Consumer Price Index (All urban, unadjusted, 1982 - 1984 = 100)			
Gas (utility pipe gas)	95.2	91.9	+ 3.6
Electricity	109.7	107.9	+ 1.7
Fuel Oil	71.6	79.0	- 9.4

Source: Department of Commerce, Bureau of Labor Statistics

Index Total Gas Sales (1972 = 100)	61.7	63.7	- 3.2
Gas Utility Prices ($/MMBtu)			
Residential	5.40	5.30	+ 1.9
Commercial	4.62	4.68	- 1.2
Industrial	3.11	3.05	+ 1.9
Electric Generation	2.91	2.43	+ 19.6
Total	4.50	4.27	+ 5.3
Carriage Volumes[3] (Trillions of Btu)			
To Ultimate Consumers	333.0	303.2	+ 9.8
For Ultimate Consumers	99.0	100.1	- 1.1
For Resale	595.3	572.0	+ 4.1
Total	1,027.3	975.3	+ 5.3

Source: American Gas Association

AVERAGE GAS UTILITY PRICES FOR THE 12 MONTH PERIOD ENDING
($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind. Only	Elec. Gen.	Other
1979	Dec.	2.522	2.918	2.665	2.261	2.120	1.937
1980	Dec.	3.134	3.612	3.336	3.184	2.651	2.667
1981	Dec.	3.650	4.161	3.909	3.311	3.241	3.458
1982	Dec.	4.456	4.969	4.721	3.969	4.090	4.303
1983	Dec.	5.120	5.882	5.508	4.486	4.198	4.921
1984	Dec.	5.128	5.938	5.511	4.410	4.222	4.869
1985	Dec.	5.017	5.953	5.441	4.248	3.812	4.791
1986	Dec.	4.602	5.651	5.035	3.650	2.726	4.025
1987	Nov.	4.336	5.413	4.774	3.157	2.529	3.486
	Dec.	4.315	5.387	4.764	3.112	2.513	3.424
1988[P]	Jan.	4.301	5.338	4.736	3.106	2.520	3.370
	Feb.	4.285	5.300	4.708	3.092	2.531	3.343
	Mar.	4.275	5.291	4.698	3.081	2.528	3.311
	Apr.	4.279	5.283	4.694	3.068	2.535	3.316
	May	4.162	5.277	4.678	3.050	2.513	3.318
	Jun.	4.150	5.271	4.661	3.026	2.506	3.302
	Jul.	4.142	5.270	4.648	2.988	2.512	3.337
	Aug.	4.242	5.267	4.630	2.952	2.562	3.344
	Sep.	4.242	5.267	4.620	2.936	2.577	3.361
	Oct.	4.244	5.270	4.617	2.909	2.590	3.356
	Nov.	4.262	5.279	4.613	2.912	2.618	3.336

AVERAGE MONTHLY GAS UTILITY PRICES
($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind.& Elec.	Ind. Only	Elec. Only
1986	Nov.	4.51	5.49	4.77	3.24	3.52	2.62
	Dec.	4.55	5.15	4.72	3.35	3.60	2.76
1987	Jan.	4.48	5.13	4.74	2.94	3.03	2.62
	Feb.	4.60	5.15	4.79	3.23	3.43	2.62
	Mar.	4.47	5.13	4.72	3.11	3.34	2.63
	Apr.	4.29	5.26	4.78	2.92	3.25	2.53
	May	4.18	5.77	4.93	2.78	2.98	2.50
	Jun.	4.35	6.92	5.36	2.75	3.01	2.42
	Jul.	4.01	6.55	4.88	2.81	3.06	2.54
	Aug.	3.83	6.71	4.87	2.70	2.98	2.47
	Sep.	4.00	6.39	4.75	2.76	2.97	2.54
	Oct.	4.10	5.74	4.56	2.72	2.94	2.41
	Nov.	4.27	5.30	4.68	2.84	3.05	2.43
	Dec.	4.38	5.01	4.65	2.98	3.17	2.54
1988[P]	Jan.	4.37	4.91	4.57	2.95	2.99	2.79
	Feb.	4.46	5.33	4.61	3.21	3.28	2.94
	Mar.	4.37	5.06	4.63	2.99	3.20	2.55
	Apr.	4.33	5.16	4.74	2.92	3.09	2.63
	May	4.04	5.61	4.60	2.52	2.72	2.26
	Jun.	4.10	6.63	4.88	2.50	2.64	2.33
	Jul.	3.82	6.51	4.54	2.53	2.55	2.60
	Aug.	3.73	6.62	4.40	2.69	2.53	2.84
	Sep.	3.99	6.37	4.48	2.71	2.70	2.72
	Oct.	4.13	5.78	4.51	2.60	2.63	2.53
	Nov.	4.50	5.40	4.62	3.05	3.11	2.91

Editor - Vanessa Chu (703/841-8503)

[1]Gas volumes are based on, and the percent change is a function of, the 69 sample companies whose sales constitute about 58% of total gas utility sales to ultimate consumers. The peak year in total sales for the gas utility industry occurred in 1972.
[2]1988 forecasts for the residential and commercial sectors are based on available 1988 monthly data with the remaining months derived by using a four year average. The industrial sector forecast (industrial only, electric generation, and transportation) is also based on available 1988 monthly data with the remaining months of 1988 heavily weighted by last years volumes with no adjustment made for degree days.
[3]Carriage volumes determined by using a simple straight expansion of sample data to represent the total gas utility industry. Carriage volumes for ultimate consumers are volumes owned by the ultimate consumer but delivered to another transporter, not the ultimate consumer, and are therefore broken out to eliminate double counting of volumes delivered to ultimate consumers.
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Gas Stats

Planning and Analysis

Monthly Gas Utility Statistical Report

1515 Wilson Boulevard
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Department of Statistics
Editor: Vanessa Chu (703) 841-8503

DECEMBER 1988

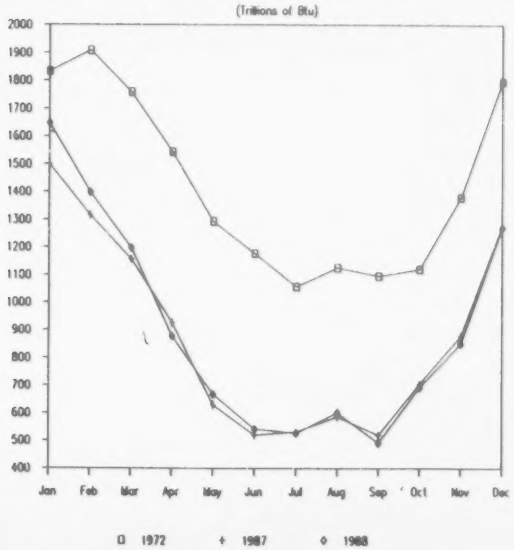
Residential and commercial sales increased while industrial and electric generation sales decreased in December 1988 compared with last year. Total utility sales were down from 1,276.2 trillion Btu in December 1987 to 1,270.3 trillion Btu in December 1988. Transportation volumes to end-users were up 20.9 percent compared with last year.

GAS UTILITY VOLUMES TO ULTIMATE CONSUMERS (Trillions of Btu)

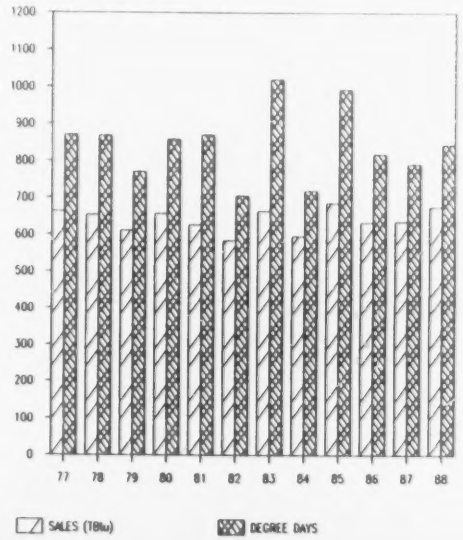
	December			Heating Season (Nov-Dec)		January 1 to December 31		
	1988	1987	%Change[1]	1988	(% Change) Last Period	1988 Forecast[2]	1987	% Change
Residential	677.0	636.9	+ 6.3	1,076.3	+ 6.8	4,687.9	4,384.8	+ 6.9
Commercial	301.7	288.2	+ 4.7	497.7	+ 5.4	2,294.4	2,155.8	+ 6.4
Industrial*	216.9	229.0	- 5.3	401.6	- 7.7	2,343.8	2,338.8	+ 0.2
Elec. Gen.*	54.0	101.6	- 46.9	120.2	- 41.6	1,288.8	1,509.1	- 14.6
Other	20.7	20.5	-	37.9	-	161.7	154.7	-
Total Sales	1,270.3	1,276.2	- 0.5	2,133.7	- 1.0	10,776.6	10,543.2	+ 2.2
Transportation*	386.3	319.6	+ 20.9	719.3	+ 15.5	4,065.5	3,451.4	+ 17.8
Total Volumes	1,656.6	1,595.8	+ 3.8	2,853.0	+ 2.7	14,842.1	13,994.6	+ 6.1**
Degree Days***	845	792	+ 6.7	1,361	+ 5.0			

*Significant sales volumes have been displaced by transportation volumes.
**No direct comparison with EIA consumption figures should be made.
***Source: NOAA (Weighted by Gas Homeheating Customers - Normal for December is 859).

TOTAL MONTHLY GAS UTILITY SALES



DECEMBER RESIDENTIAL GAS UTILITY SALES



RESIDENTIAL APPLIANCE SHIPMENTS - DECEMBER

(Thousands of Units)

		1988	1987	% Change '87 vs. '88
Domestic Ranges	- Gas	191.4	197.3	- 3.0
	- Electric	261.8	254.8	+ 2.7
Clothes Dryers	- Gas	86.3	80.2	+ 7.6
	- Electric	276.6	289.6	- 4.5
Water Heaters	- Gas	382.8	369.3	+ 3.6
	- Electric	306.1	286.2	+ 7.0
Warm Air Furnaces	- Gas	177.6	179.3	- 1.0
	- Electric	19.5	23.7	- 17.5
	- Oil	17.7	17.7	- 0.2
Boilers	- Gas	18.9	17.6	+ 7.9
	- Electric	0.1	0.1	- 56.1
	- Oil	12.0	12.9	- 7.0

Source: Gas Appliance Manufacturers Association (GAMA). Association of Home Appliance Manufacturers.

SPOT PRICES TO GAS DISTRIBUTION COMPANIES

(December 1988)

Receipt Point	Price ($/MMBtu)[a]
Northeast	$2.53
Southeast	$2.57
Midwest	$2.35
Southwest	$2.08
West	$2.27
Total	$2.30

Source: American Gas Association

[a]Represents average price paid at receipt point for a one-month contract.

ECONOMIC INDICATORS - DECEMBER

	1988	1987	% Change '87 vs '88
Total Actual Private Housing Starts (Thous. of units)	93.7	85.4	+ 9.7
Consumer Price Index (All urban, unadjusted, 1982 - 1984 = 100)			
Gas (utility pipe gas)	95.2	91.9	+ 3.6
Electricity	110.3	107.3	+ 2.8
Fuel Oil	74.2	79.2	- 6.3

Source: Department of Commerce, Bureau of Labor Statistics

Index Total Gas Sales (1972 = 100)	70.7	71.0	- 0.5
Gas Utility Prices ($/MMBtu)			
Residential	5.15	5.01	+ 2.6
Commercial	4.82	4.65	+ 3.5
Industrial	3.29	3.17	+ 3.7
Electric Generation	3.14	2.54	+ 23.4
Total	4.65	4.38	+ 6.1
Carriage Volumes[3] (Trillions of Btu)			
To Ultimate Consumers	386.3	319.6	+ 20.9
For Ultimate Consumers	100.7	100.9	- 0.2
For Resale	682.6	570.4	+ 19.7
Total	1,169.6	990.9	+ 18.0

Source: American Gas Association

AVERAGE GAS UTILITY PRICES FOR THE 12 MONTH PERIOD ENDING

($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind. Only	Elec. Gen.	Other
1979	Dec.	2.522	2.918	2.665	2.261	2.120	1.937
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1981	Dec.	3.650	4.161	3.909	3.311	3.241	3.458
1982	Dec.	4.456	4.969	4.721	3.969	4.090	4.303
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1988[P]	Jan.	4.301	5.338	4.736	3.106	2.520	3.370
	Feb.	4.285	5.300	4.708	3.092	2.531	3.343
	Mar.	4.275	5.291	4.698	3.081	2.528	3.311
	Apr.	4.279	5.283	4.694	3.068	2.535	3.316
	May	4.162	5.277	4.678	3.050	2.513	3.318
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	Jul.	4.142	5.270	4.648	2.988	2.512	3.337
	Aug.	4.242	5.267	4.630	2.952	2.562	3.344
	Sep.	4.242	5.267	4.620	2.936	2.577	3.361
	Oct.	4.244	5.270	4.617	2.909	2.590	3.356
	Nov.	4.262	5.279	4.613	2.912	2.618	3.336
	Dec.	4.293	5.295	4.634	2.922	2.645	3.395

AVERAGE MONTHLY GAS UTILITY PRICES

($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind.& Elec.	Ind. Only	Elec. Only
1986	Dec.	4.55	5.15	4.72	3.35	3.60	2.76
1987	Jan.	4.48	5.13	4.74	2.94	3.03	2.62
	Feb.	4.60	5.15	4.79	3.23	3.43	2.62
	Mar.	4.47	5.13	4.72	3.11	3.34	2.63
	Apr.	4.29	5.26	4.78	2.92	3.25	2.53
	May	4.18	5.77	4.93	2.78	2.98	2.50
	Jun.	4.35	6.92	5.36	2.75	3.01	2.42
	Jul.	4.01	6.55	4.88	2.81	3.06	2.54
	Aug.	3.83	6.71	4.87	2.70	2.98	2.47
	Sep.	4.00	6.39	4.75	2.76	2.97	2.54
	Oct.	4.10	5.74	4.56	2.72	2.94	2.41
	Nov.	4.27	5.30	4.68	2.84	3.05	2.43
	Dec.	4.38	5.01	4.65	2.98	3.17	2.54
1988[P]	Jan.	4.37	4.91	4.57	2.95	2.99	2.79
	Feb.	4.46	5.33	4.61	3.21	3.28	2.94
	Mar.	4.37	5.06	4.63	2.99	3.20	2.55
	Apr.	4.33	5.16	4.74	2.92	3.09	2.63
	May	4.04	5.61	4.60	2.52	2.72	2.26
	Jun.	4.10	6.63	4.88	2.50	2.64	2.33
	Jul.	3.82	6.51	4.54	2.53	2.55	2.60
	Aug.	3.73	6.62	4.40	2.69	2.53	2.84
	Sep.	3.99	6.37	4.48	2.71	2.70	2.72
	Oct.	4.13	5.78	4.51	2.60	2.63	2.53
	Nov.	4.50	5.40	4.62	3.05	3.11	2.91
	Dec.	4.65	5.15	4.82	3.26	3.29	3.14

Editor - Vanessa Chu (703/841-8503)

[1]Gas volumes are based on, and the percent change is a function of, the 69 sample companies whose sales constitute about 58% of total gas utility sales to ultimate consumers. The peak year in total sales for the gas utility industry occurred in 1972.

[2]1988 forecasts for the residential and commercial sectors are based on available 1988 monthly data with the remaining months derived by using a four year average. The industrial sector forecast (industrial only, electric generation, and transportation) is also based on available 1988 monthly data with the remaining months of 1988 heavily weighted by last years volumes with no adjustment made for degree days.

[3]Carriage volumes determined by using a simple straight expansion of sample data to represent the total gas utility industry. Carriage volumes for ultimate consumers are volumes owned by the ultimate consumer but delivered to another transporter, not the ultimate consumer, and are therefore broken out to eliminate double counting of volumes delivered to ultimate consumers.

P-Preliminary.

A 7775-2

AGA American Gas Association

Gas Stats

Monthly Gas Utility Statistical Report

Planning and Analysis

1515 Wilson Boulevard
Arlington, Virginia 22209

Department of Statistics
Editor: Vanessa Chu (703) 841-8503

JANUARY 1989

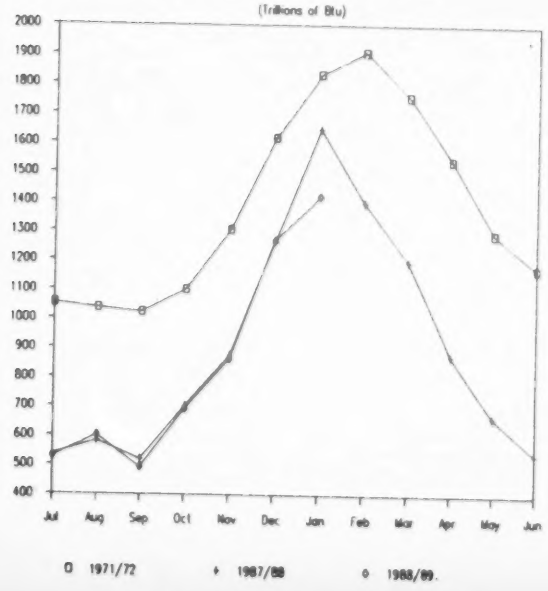
Residential, commercial, industrial and electric generation sales decreased in January 1989 compared with last year. Total utility sales were down from 1,648.3 trillion Btu in January 1988 to 1,419.0 trillion Btu in January 1989. Transportation volumes to end users were up 22.2 percent compared with last year.

GAS UTILITY VOLUMES TO ULTIMATE CONSUMERS (Trillions of Btu)

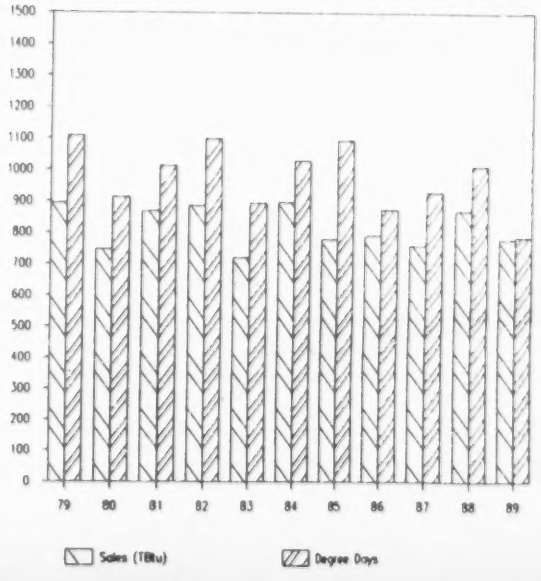
	January			Heating Season (Nov-Jan)		January 1 to December 31		
	1989	1988	%Change[1]	1989	(% Change) Last Period	1989 Forecast[2]	1988p	% Change
Residential	782.6	874.4	- 10.5	1,858.9	- 1.2	4,471.1	4,687.9	- 4.6
Commercial	335.1	382.0	- 12.3	832.8	- 2.5	2,223.7	2,294.4	- 3.1
Industrial*	222.2	295.9	- 24.9	623.8	- 14.7	2,270.1	2,343.8	- 3.1
Elec. Gen.*	56.5	71.7	- 21.2	176.7	- 36.3	1,273.6	1,288.8	- 1.2
Other	22.6	24.3	-	60.5	-	155.6	161.7	-
Total Sales	1,419.0	1,648.3	- 13.9	3,552.7	- 6.6	10,394.1	10,776.6	- 3.5
Transportation*	392.5	321.1	+ 22.2	1,111.8	+ 17.8	4,151.4	4,080.0	+ 1.8
Total Volumes	1,811.5	1,969.4	- 8.0	4,664.5	- 1.7	14,545.5	14,856.6	- 2.1**
Degree Days***	788	1,016	- 22.4	2,149	- 7.1			

*Significant sales volumes have been displaced by transportation volumes.
**No direct comparison with EIA consumption figures should be made.
***Source: NOAA (Weighted by Gas Homeheating Customers - Normal for January is 977).

TOTAL MONTHLY GAS UTILITY SALES



JANUARY RESIDENTIAL GAS UTILITY SALES



RESIDENTIAL APPLIANCE SHIPMENTS - JANUARY
(Thousands of Units)

		1989	1988	% Change '88 vs. '89
Domestic Ranges	- Gas	158.4	158.0	+ 0.3
	- Electric	244.9	235.4	+ 4.0
Clothes Dryers	- Gas	96.6	91.9	+ 5.1
	- Electric	339.6	321.2	+ 5.7
Water Heaters	- Gas	336.7	354.8	- 5.1
	- Electric	270.1	282.5	- 4.4
Warm Air Furnaces	- Gas	178.5	157.2	+ 13.5
	- Electric	22.7	27.7	- 18.2
	- Oil	14.8	15.1	- 2.1
Boilers	- Gas	14.1	16.7	- 15.2
	- Electric	N/A	0.1	N/A
	- Oil	8.8	11.8	- 25.5

Source: Gas Appliance Manufacturers Association (GAMA). Association of Home Appliance Manufacturers.

SPOT PRICES TO GAS DISTRIBUTION COMPANIES
(January 1989)

Receipt Point	Price ($/MMBtu)[a]
Northeast	$2.65
Southeast	$2.62
Midwest	$2.36
Southwest	$2.12
West	$2.36
Total	$2.32

Source: American Gas Association
[a]Represents average price paid at receipt point for a one-month contract.

ECONOMIC INDICATORS - JANUARY

	1989	1988	% Change '88 vs '89
Total Actual Private Housing Starts (Thous. of units)	99.7	78.2	+ 27.5
Consumer Price Index (All urban, unadjusted, 1982 - 1984 = 100)			
Gas (utility pipe gas)	97.3	92.3	+ 5.4
Electricity	110.8	107.9	+ 2.7
Fuel Oil	79.1	79.6	- 0.6

Source: Department of Commerce, Bureau of Labor Statistics

Index Total Gas Sales (1972 = 100)	77.4	89.9	- 13.9
Gas Utility Prices ($/MMBtu)			
Residential	5.21	4.91	+ 6.3
Commercial	4.80	4.57	+ 4.9
Industrial	3.13	2.99	+ 4.6
Electric Generation	2.56	2.79	- 8.3
Total	4.66	4.37	+ 6.6
Carriage Volumes[3] (Trillions of Btu)			
To Ultimate Consumers	392.5	321.1	+ 22.2
For Ultimate Consumers	93.5	85.6	+ 9.2
For Resale	490.9	324.5	+ 51.3
Total	976.9	731.2	+ 33.6

Source: American Gas Association

AVERAGE GAS UTILITY PRICES FOR THE 12 MONTH PERIOD ENDING
($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind. Only	Elec. Gen.	Other
1979	Dec.	2.522	2.918	2.665	2.261	2.120	1.937
1980	Dec.	3.134	3.612	3.336	3.184	2.651	2.667
1981	Dec.	3.650	4.161	3.909	3.311	3.241	3.458
1982	Dec.	4.456	4.969	4.721	3.969	4.090	4.303
1983	Dec.	5.120	5.882	5.508	4.486	4.198	4.921
1984	Dec.	5.128	5.938	5.511	4.410	4.222	4.869
1985	Dec.	5.017	5.953	5.441	4.248	3.812	4.791
1986	Dec.	4.602	5.651	5.035	3.650	2.726	4.025
1987	Dec.	4.315	4.387	4.764	3.112	2.513	3.424
1988[P]	Jan.	4.301	5.338	4.736	3.106	2.520	3.370
	Feb.	4.285	5.300	4.708	3.092	2.531	3.343
	Mar.	4.275	5.291	4.698	3.081	2.528	3.311
	Apr.	4.279	5.283	4.694	3.068	2.535	3.316
	May	4.162	5.277	4.678	3.050	2.513	3.318
	Jun.	4.150	5.271	4.661	3.026	2.506	3.302
	Jul.	4.142	5.270	4.648	2.988	2.512	3.337
	Aug.	4.242	5.267	4.630	2.952	2.562	3.344
	Sep.	4.242	5.267	4.620	2.936	2.577	3.361
	Oct.	4.244	5.270	4.617	2.909	2.590	3.356
	Nov.	4.262	5.279	4.613	2.912	2.618	3.336
	Dec.	4.293	5.295	4.634	2.922	2.645	3.395
1989[P]	Jan.	4.330	5.355	4.669	2.933	2.633	3.428

AVERAGE MONTHLY GAS UTILITY PRICES
($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind.& Elec.	Ind. Only	Elec. Only
1987	Jan.	4.48	5.13	4.74	2.94	3.03	2.62
	Feb.	4.60	5.15	4.79	3.23	3.43	2.62
	Mar.	4.47	5.13	4.72	3.11	3.34	2.63
	Apr.	4.29	5.26	4.78	2.92	3.25	2.53
	May	4.18	5.77	4.93	2.78	2.98	2.50
	Jun.	4.35	6.92	5.36	2.75	3.01	2.42
	Jul.	4.01	6.55	4.88	2.81	3.06	2.54
	Aug.	3.83	6.71	4.87	2.70	2.98	2.47
	Sep.	4.00	6.39	4.75	2.76	2.97	2.54
	Oct.	4.10	5.74	4.56	2.72	2.94	2.41
	Nov.	4.27	5.30	4.68	2.84	3.05	2.43
	Dec.	4.38	5.01	4.65	2.98	3.17	2.54
1988[P]	Jan.	4.37	4.91	4.57	2.95	2.99	2.79
	Feb.	4.46	5.33	4.61	3.21	3.28	2.94
	Mar.	4.37	5.06	4.63	2.99	3.20	2.55
	Apr.	4.33	5.16	4.74	2.92	3.09	2.63
	May	4.04	5.61	4.60	2.52	2.72	2.26
	Jun.	4.10	6.63	4.88	2.50	2.64	2.33
	Jul.	3.82	6.51	4.54	2.53	2.55	2.60
	Aug.	3.73	6.62	4.40	2.69	2.53	2.84
	Sep.	3.99	6.37	4.48	2.71	2.70	2.72
	Oct.	4.13	5.78	4.51	2.60	2.63	2.53
	Nov.	4.50	5.40	4.62	3.05	3.11	2.91
	Dec.	4.65	5.15	4.82	3.26	3.29	3.14
1989[P]	Jan.	4.66	5.21	4.80	3.01	3.13	2.56

Editor - Vanessa Chu (703/841-8503)

[1]Gas volumes are based on, and the percent change is a function of, the 69 sample companies whose sales constitute about 58% of total gas utility sales to ultimate consumers. The peak year in total sales for the gas utility industry occurred in 1972.
[2]1988 forecasts for the residential and commercial sectors are based on available 1988 monthly data with the remaining months derived by using a four year average. The industrial sector forecast (industrial only, electric generation, and transportation) is also based on available 1988 monthly data with the remaining months of 1988 heavily weighted by last years volumes with no adjustment made for degree days.
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P-Preliminary.

A1975-2

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Gas Stats

Monthly Gas Utility Statistical Report

Planning and Analysis

1515 Wilson Boulevard
Arlington, Virginia 22209

Department of Statistics
Editor: Vanessa Chu (703) 841-8503

FEBRUARY 1989

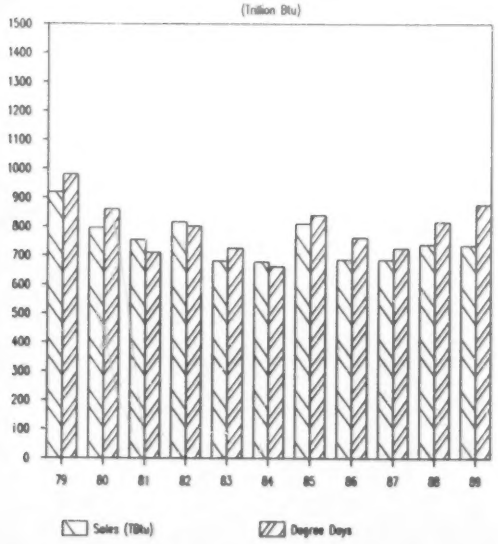
Residential, commercial and industrial sales decreased while electric generation sales increased in February 1989 compared with last year. Total utility sales were down from 1,398.0 trillion Btu in February 1988 to 1,364.6 trillion Btu in February 1989. Transportation volumes to end users were up 12.0 percent compared with last year.

GAS UTILITY VOLUMES TO ULTIMATE CONSUMERS (Trillions of Btu)

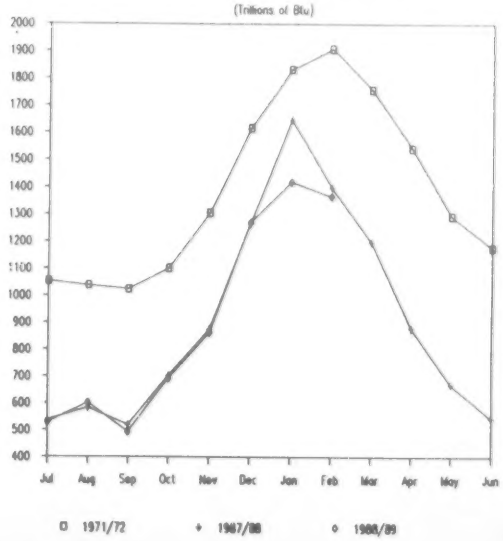
	February			Heating Season (Nov-Feb)		January 1 to December 31		
	1989	1988	%Change[1]	1989	(% Change) Last Period	1989 Forecast[2]	1988p	% Change
Residential	736.3	739.2	- 0.4	2,595.2	- 1.0	4,476.6	4,687.9	- 4.5
Commercial	327.0	342.0	- 4.4	1,159.8	- 3.1	2,209.1	2,294.4	- 3.7
Industrial*	203.6	234.1	- 13.0	827.4	- 14.3	2,239.6	2,343.8	- 4.4
Elec. Gen.*	77.4	62.5	+ 23.9	254.1	- 25.3	1,288.5	1,288.8	-
Other	20.3	20.2	-	80.8	-	155.8	161.7	-
Total Sales	1,364.6	1,398.0	- 2.4	4,917.3	- 5.5	10,369.6	10,776.6	- 3.8
Transportation*	374.3	334.3	+ 12.0	1,486.1	+ 16.3	4,184.9	4,073.5	+ 2.7
Total Volumes	1,738.9	1,732.3	+ 0.4	6,403.4	- 1.2	14,554.5	14,850.1	- 2.0**
Degree Days***	876	817	+ 7.2	3,025	- 3.3			

*Significant sales volumes have been displaced by transportation volumes.
**No direct comparison with EIA consumption figures should be made.
***Source: NOAA (Weighted by Gas Homeheating Customers - Normal for February is 792).

FEBRUARY RESIDENTIAL GAS SALES



TOTAL MONTHLY GAS UTILITY SALES



RESIDENTIAL APPLIANCE SHIPMENTS - FEBRUARY
(Thousands of Units)

		1989	1988	% Change '88 vs. '89
Domestic Ranges	- Gas	155.6	173.3	- 10.2
	- Electric	225.0	243.7	- 7.7
Clothes Dryers	- Gas	90.8	88.4	+ 2.7
	- Electric	303.2	305.6	- 0.8
Water Heaters	- Gas	327.9	320.4	+ 2.4
	- Electric	275.7	261.9	+ 5.3
Warm Air Furnaces	- Gas	148.1	134.3	+ 10.3
	- Electric	23.9	24.1	- 0.5
	- Oil	12.9	12.8	+ 0.8
Boilers	- Gas	10.7	11.1	- 3.6
	- Electric	N/A	0.1	N/A
	- Oil	7.2	6.0	+ 20.0

Source: Gas Appliance Manufacturers Association (GAMA). Association of Home Appliance Manufacturers.

SPOT PRICES TO GAS DISTRIBUTION COMPANIES
(February 1989)

Receipt Point	Price ($/MMBtu)[a]
Northeast	$2.50
Southeast	$2.44
Midwest	$2.06
Southwest	$1.94
West	$2.21
Total	$2.20

Source: American Gas Association
[a]Represents average price paid at receipt point for a one-month contract.

ECONOMIC INDICATORS - FEBRUARY

	1989	1988	% Change '88 vs '89
Total Actual Private Housing Starts (Thous. of units)	87.7	90.2	- 2.8
Consumer Price Index (All urban, unadjusted, 1982 - 1984 = 100)			
Gas (utility pipe gas)	97.7	92.9	+ 5.2
Electricity	110.2	108.2	+ 1.8
Fuel Oil	80.2	79.5	+ 0.9

Source: Department of Commerce, Bureau of Labor Statistics

Index Total Gas Sales (1972 = 100)	71.5	73.3	- 2.4
Gas Utility Prices ($/MMBtu)			
Residential	5.27	5.33	+ 7.0
Commercial	4.82	4.61	+ 4.5
Industrial	3.20	3.28	- 2.3
Electric Generation	2.41	2.94	- 18.1
Total	4.67	4.46	+ 4.7
Carriage Volumes[3] (Trillions of Btu)			
To Ultimate Consumers	374.3	334.3	+ 12.0
For Ultimate Consumers	117.6	114.5	+ 2.7
For Resale	503.5	339.6	+ 48.3
Total	995.4	788.4	+ 26.3

Source: American Gas Association

AVERAGE GAS UTILITY PRICES FOR THE 12 MONTH PERIOD ENDING
($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind. Only	Elec. Gen.	Other
1979	Dec.	2.522	2.918	2.665	2.261	2.120	1.937
1980	Dec.	3.134	3.612	3.336	3.184	2.651	2.667
1981	Dec.	3.650	4.161	3.909	3.311	3.241	3.458
1982	Dec.	4.456	4.969	4.721	3.969	4.090	4.303
1983	Dec.	5.120	5.882	5.508	4.486	4.198	4.921
1984	Dec.	5.128	5.938	5.511	4.410	4.222	4.869
1985	Dec.	5.017	5.953	5.441	4.248	3.812	4.791
1986	Dec.	4.602	5.651	5.035	3.650	2.726	4.025
1987	Dec.	4.315	4.387	4.764	3.112	2.513	3.424
1988[P]	Feb.	4.285	5.300	4.708	3.092	2.531	3.343
	Mar.	4.275	5.291	4.698	3.081	2.528	3.311
	Apr.	4.279	5.283	4.694	3.068	2.535	3.316
	May	4.162	5.277	4.678	3.050	2.513	3.318
	Jun.	4.150	5.271	4.661	3.026	2.506	3.302
	Jul.	4.142	5.270	4.648	2.988	2.512	3.337
	Aug.	4.242	5.267	4.630	2.952	2.562	3.344
	Sep.	4.242	5.267	4.620	2.936	2.577	3.361
	Oct.	4.244	5.270	4.617	2.909	2.590	3.356
	Nov.	4.262	5.279	4.613	2.912	2.618	3.336
	Dec.	4.293	5.295	4.634	2.922	2.645	3.395
1989[P]	Jan.	4.330	5.355	4.669	2.933	2.633	3.428
	Feb.	4.356	5.411	4.700	2.922	2.605	3.473

AVERAGE MONTHLY GAS UTILITY PRICES
($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind.& Elec.	Ind. Only	Elec. Only
1987	Feb.	4.60	5.15	4.79	3.23	3.43	2.62
	Mar.	4.47	5.13	4.72	3.11	3.34	2.63
	Apr.	4.29	5.26	4.78	2.92	3.25	2.53
	May	4.18	5.77	4.93	2.78	2.98	2.50
	Jun.	4.35	6.92	5.36	2.75	3.01	2.42
	Jul.	4.01	6.55	4.88	2.81	3.06	2.54
	Aug.	3.83	6.71	4.87	2.70	2.98	2.47
	Sep.	4.00	6.39	4.75	2.76	2.97	2.54
	Oct.	4.10	5.74	4.56	2.72	2.94	2.41
	Nov.	4.27	5.30	4.68	2.84	3.05	2.43
	Dec.	4.38	5.01	4.65	2.98	3.17	2.54
1988[P]	Jan.	4.37	4.91	4.57	2.95	2.99	2.79
	Feb.	4.46	5.33	4.61	3.21	3.28	2.94
	Mar.	4.37	5.06	4.63	2.99	3.20	2.55
	Apr.	4.33	5.16	4.74	2.92	3.09	2.63
	May	4.04	5.61	4.60	2.52	2.72	2.26
	Jun.	4.10	6.63	4.88	2.50	2.64	2.33
	Jul.	3.82	6.51	4.54	2.53	2.55	2.60
	Aug.	3.73	6.62	4.40	2.69	2.53	2.84
	Sep.	3.99	6.37	4.48	2.71	2.70	2.72
	Oct.	4.13	5.78	4.51	2.60	2.63	2.53
	Nov.	4.50	5.40	4.62	3.05	3.11	2.91
	Dec.	4.65	5.15	4.82	3.26	3.29	3.14
1989[P]	Jan.	4.66	5.21	4.80	3.01	3.13	2.56
	Feb.	4.67	5.27	4.82	2.99	3.20	2.41

Editor - Vanessa Chu (703/841-8503)

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[2]1988 forecasts for the residential and commercial sectors are based on available 1988 monthly data with the remaining months derived by using a four year average. The industrial sector forecast (industrial only, electric generation, and transportation) is also based on available 1988 monthly data with the remaining months of 1988 heavily weighted by last years volumes with no adjustment made for degree days.
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Gas Stats

Monthly Gas Utility Statistical Report

Department of Statistics
Editor: Vanessa Chu (703) 841-8503

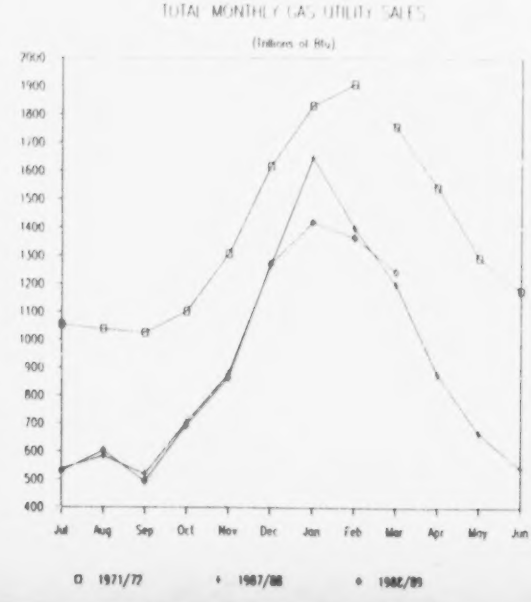
MARCH 1989

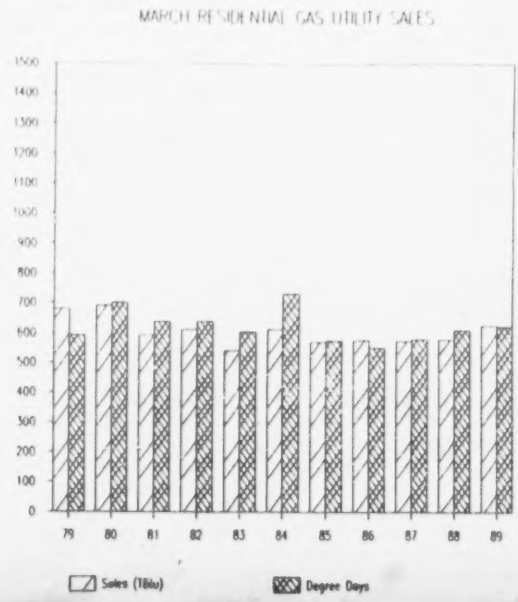
Residential, commercial and electric generation sales increased while industrial sales decreased in March 1989 compared with last year. Total utility sales were up from 1,197.6 trillion Btu in March 1988 to 1,243.5 trillion Btu in March 1989. Transportation volumes to end users were up 16.5 percent compared with last year.

GAS UTILITY VOLUMES TO ULTIMATE CONSUMERS (Trillions of Btu)

	March			Heating Season (Nov-Mar)		January 1 to December 31		
	1989	1988	%Change[1]	1989	(% Change) Last Period	1989 Forecast[2]	1988p	% Change
Residential	623.1	576.5	+ 8.1	3,218.3	+ 0.6	4,533.3	4,687.9	- 3.3
Commercial	287.4	276.7	+ 3.9	1,447.2	- 1.8	2,225.3	2,294.4	- 3.0
Industrial*	206.6	221.3	- 6.7	1,034.0	- 12.8	2,224.9	2,343.8	- 5.1
Elec. Gen.*	109.4	105.7	+ 3.5	363.5	- 18.4	1,292.2	1,288.8	+ 0.3
Other	17.0	17.4	-	97.8	-	157.1	161.7	-
Total Sales	1,243.5	1,197.6	+ 3.8	6,160.8	- 3.7	10,432.8	10,776.6	- 3.2
Transportation*	431.3	370.3	+ 16.5	1,917.4	+ 16.3	4,235.9	4,063.5	+ 4.2
Total Volumes	1,674.8	1,567.9	+ 6.8	8,078.2	+ 0.7	14,668.7	14,840.1	- 1.2**
Degree Days***	620	607	+ 2.1	3,645	- 2.4			

*Significant sales volumes have been displaced by transportation volumes.
**No direct comparison with EIA consumption figures should be made.
***Source: NOAA (Weighted by Gas Homeheating Customers - Normal for March is 657).





RESIDENTIAL APPLIANCE SHIPMENTS - MARCH
(Thousands of Units)

		1989	1988	% Change '88 vs. '89
Domestic Ranges	- Gas	194.0	175.4	+ 10.6
	- Electric	272.9	251.0	+ 8.7
Clothes Dryers	- Gas	87.0	82.7	+ 5.2
	- Electric	297.7	276.6	+ 7.6
Water Heaters	- Gas	375.2	334.1	+ 12.3
	- Electric	294.5	283.2	+ 4.0
Warm Air Furnaces	- Gas	135.2	148.0	- 8.6
	- Electric	28.3	24.6	+ 15.0
	- Oil	9.8	11.9	- 17.8
Boilers	- Gas	11.3	12.0	- 5.9
	- Electric	N/A	0.1	N/A
	- Oil	9.4	9.7	- 3.0

Source: Gas Appliance Manufacturers Association (GAMA). Association of Home Appliance Manufacturers.

SPOT PRICES TO GAS DISTRIBUTION COMPANIES
(March 1989)

Receipt Point	Price ($/MMBtu)[a]
Northeast	$2.12
Southeast	$2.17
Midwest	$1.90
Southwest	$1.67
West	$1.87
Total	$1.97

Source: American Gas Association
[a]Represents average price paid at receipt point for a one-month contract.

ECONOMIC INDICATORS - MARCH

	1989	1988	% Change '88 vs '89
Total Actual Private Housing Starts (Thous. of units)	116.3	128.8	- 9.7
Consumer Price Index (All urban, unadjusted, 1982 - 1984 = 100)			
Gas (utility pipe gas)	97.0	92.8	+ 4.5
Electricity	110.5	107.9	+ 2.4
Fuel Oil	80.4	78.8	+ 2.0

Source: Department of Commerce, Bureau of Labor Statistics

Index Total Gas Sales (1972 = 100)	70.7	68.1	+ 3.8
Gas Utility Prices ($/MMBtu)			
Residential	5.29	5.06	+ 4.6
Commercial	4.85	4.63	+ 4.7
Industrial	3.00	3.20	- 6.2
Electric Generation	2.40	2.55	- 5.9
Total	4.53	4.37	+ 3.6
Carriage Volumes[3] (Trillions of Btu)			
To Ultimate Consumers	431.3	370.3	+ 16.5
For Ultimate Consumers	134.0	138.9	- 3.5
For Resale	517.5	474.9	+ 9.0
Total	1,082.8	984.1	+ 10.0

Source: American Gas Association

AVERAGE GAS UTILITY PRICES FOR THE 12 MONTH PERIOD ENDING
($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind. Only	Elec. Gen.	Other
1979	Dec.	2.522	2.918	2.665	2.261	2.120	1.937
1980	Dec.	3.134	3.612	3.336	3.184	2.651	2.667
1981	Dec.	3.650	4.161	3.909	3.311	3.241	3.458
1982	Dec.	4.456	4.969	4.721	3.969	4.090	4.303
1983	Dec.	5.120	5.882	5.508	4.486	4.198	4.921
1984	Dec.	5.128	5.938	5.511	4.410	4.222	4.869
1985	Dec.	5.017	5.953	5.441	4.248	3.812	4.791
1986	Dec.	4.602	5.651	5.035	3.650	2.726	4.025
1987	Dec.	4.315	5.387	4.764	3.112	2.513	3.424
1988[P]	Mar.	4.275	5.291	4.698	3.081	2.528	3.311
	Apr.	4.279	5.283	4.694	3.068	2.535	3.316
	May	4.162	5.277	4.678	3.050	2.513	3.318
	Jun.	4.150	5.271	4.661	3.026	2.506	3.302
	Jul.	4.142	5.270	4.648	2.988	2.512	3.337
	Aug.	4.242	5.267	4.630	2.952	2.562	3.344
	Sep.	4.242	5.267	4.620	2.936	2.577	3.361
	Oct.	4.244	5.270	4.617	2.909	2.590	3.356
	Nov.	4.262	5.279	4.613	2.912	2.618	3.336
	Dec.	4.293	5.295	4.634	2.922	2.645	3.395
1989[P]	Jan.	4.330	5.355	4.669	2.933	2.633	3.428
	Feb.	4.356	5.411	4.700	2.922	2.605	3.473
	Mar.	4.375	5.438	4.727	2.902	2.592	3.492

AVERAGE MONTHLY GAS UTILITY PRICES
($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind.& Elec.	Ind. Only	Elec. Only
1987	Mar.	4.47	5.13	4.72	3.11	3.34	2.63
	Apr.	4.29	5.26	4.78	2.92	3.25	2.53
	May	4.18	5.77	4.93	2.78	2.98	2.50
	Jun.	4.35	6.92	5.36	2.75	3.01	2.42
	Jul.	4.01	6.55	4.88	2.81	3.06	2.54
	Aug.	3.83	6.71	4.87	2.70	2.98	2.47
	Sep.	4.00	6.39	4.75	2.76	2.97	2.54
	Oct.	4.10	5.74	4.56	2.72	2.94	2.41
	Nov.	4.27	5.30	4.68	2.84	3.05	2.43
	Dec.	4.38	5.01	4.65	2.98	3.17	2.54
1988[P]	Jan.	4.37	4.91	4.57	2.95	2.99	2.79
	Feb.	4.46	5.33	4.61	3.21	3.28	2.94
	Mar.	4.37	5.06	4.63	2.99	3.20	2.55
	Apr.	4.33	5.16	4.74	2.92	3.09	2.63
	May	4.04	5.61	4.60	2.52	2.72	2.26
	Jun.	4.10	6.63	4.88	2.50	2.64	2.33
	Jul.	3.82	6.51	4.54	2.53	2.55	2.60
	Aug.	3.73	6.62	4.40	2.69	2.53	2.84
	Sep.	3.99	6.37	4.48	2.71	2.70	2.72
	Oct.	4.13	5.78	4.51	2.60	2.63	2.53
	Nov.	4.50	5.40	4.62	3.05	3.11	2.91
	Dec.	4.65	5.15	4.82	3.26	3.29	3.14
1989[P]	Jan.	4.66	5.21	4.80	3.01	3.13	2.56
	Feb.	4.67	5.27	4.82	2.99	3.20	2.41
	Mar.	4.53	5.29	4.85	2.80	3.00	2.40

Editor - Vanessa Chu (703/841-8503)

[1]Gas volumes are based on, and the percent change is a function of, the 69 sample companies whose sales constitute about 58% of total gas utility sales to ultimate consumers. The peak year in total sales for the gas utility industry occurred in 1972.
[2]1988 forecasts for the residential and commercial sectors are based on available 1988 monthly data with the remaining months derived by using a four year average. The industrial sector forecast (industrial only, electric generation, and transportation) is also based on available 1988 monthly data with the remaining months of 1988 heavily weighted by last years volumes with no adjustment made for degree days.
[3]Carriage volumes determined by using a simple straight expansion of sample data to represent the total gas utility industry. Carriage volumes for ultimate consumers are volumes owned by the ultimate consumer but delivered to another transporter, not the ultimate consumer, and are therefore broken out to eliminate double counting of volumes delivered to ultimate consumers.
P-Preliminary.

A1775-2

American Gas Association

Planning and Analysis

Gas Stats

Monthly Gas Utility Statistical Report

1515 Wilson Boulevard
Arlington, Virginia 22209

Department of Statistics
Editor: Vanessa Chu (703) 841-8503

APRIL 1989

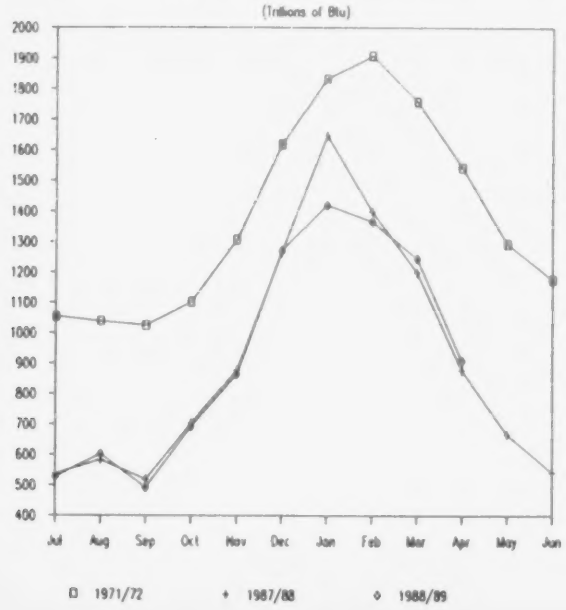
Residential, commercial and electric generation sales increased while industrial sales decreased in April 1989 compared with last year. Total utility sales were up from 1,209.1 trillion Btu in April 1988 to 1,334.5 trillion Btu in April 1989. Transportation volumes to end users were up 28.1 percent compared with last year.

GAS UTILITY VOLUMES TO ULTIMATE CONSUMERS (Trillions of Btu)

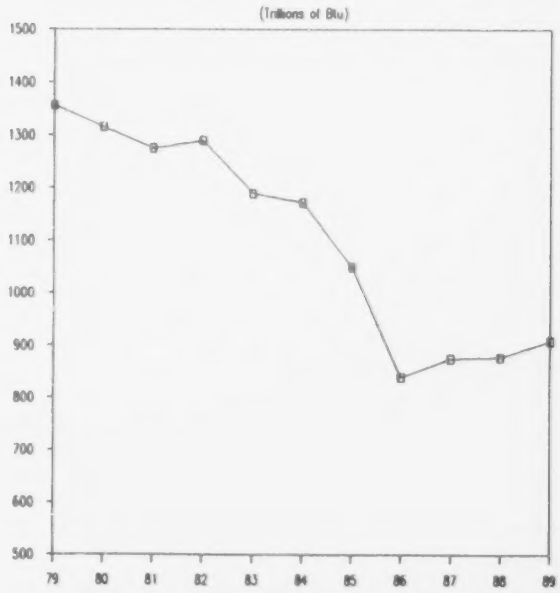
	April			Year to Date		January 1 to December 31		
	1989	1988	%Change[1]	1989	(% Change) Last Period	1989 Forecast[2]	1988p	% Change
Residential	412.9	395.2	+ 4.5	2,554.9	- 1.2	4,568.8	4,687.9	- 2.5
Commercial	197.3	184.3	+ 7.1	1,146.8	- 3.2	2,240.1	2,294.4	- 2.4
Industrial*	178.1	181.6	- 1.9	810.5	- 13.1	2,221.4	2,343.8	- 5.2
Elec. Gen.*	107.7	102.9	+ 4.6	351.0	+ 2.4	1,297.0	1,288.8	+ 0.6
Other	13.2	13.0	-	73.1	-	157.5	161.7	-
Total Sales	909.2	877.0	+ 3.7	4,936.3	- 3.6	10,484.8	10,776.6	- 2.7
Transportation*	425.3	332.1	+ 28.1	1,623.4	+ 19.6	4,326.6	4,061.0	+ 6.5
Total Volumes	1,334.5	1,209.1	+ 10.4	6,559.7	+ 1.3	14,811.4	14,837.6	- 0.2**

*Significant sales volumes have been displaced by transportation volumes.
**No direct comparison with EIA consumption figures should be made.

TOTAL MONTHLY GAS UTILITY SALES



APRIL TOTAL GAS UTILITY SALES



RESIDENTIAL APPLIANCE SHIPMENTS - APRIL
(Thousands of Units)

		1989	1988	% Change '88 vs.'89
Domestic Ranges	- Gas	162.7	170.9	- 4.8
	- Electric	226.4	258.8	- 12.5
Clothes Dryers	- Gas	72.4	71.5	+ 1.3
	- Electric	250.6	256.7	- 2.4
Water Heaters	- Gas	354.4	329.1	+ 7.7
	- Electric	293.7	266.6	+ 10.1
Warm Air Furnaces	- Gas	131.5	124.9	+ 5.3
	- Electric	28.3	20.9	+ 35.5
	- Oil	6.7	7.8	- 13.3
Boilers	- Gas	7.3	6.8	+ 6.3
	- Electric	N/A	0.1	N/A
	- Oil	4.9	6.5	- 24.4

Source: Gas Appliance Manufacturers Association (GAMA). Association of Home Appliance Manufacturers.

SPOT PRICES TO GAS DISTRIBUTION COMPANIES
(April 1989)

Receipt Point	Price ($/MMBtu)[a]
Northeast	$2.07
Southeast	$1.81
Midwest	$1.65
Southwest	$1.66
West	$1.99
Total	$1.92

Source: American Gas Association
[a]Represents average price paid at receipt point for a one-month contract.

ECONOMIC INDICATORS - APRIL

	1989	1988	% Change '88 vs '89
Total Actual Private Housing Starts (Thous. of units)	131.1	153.2	- 14.4
Consumer Price Index (All urban, unadjusted, 1982 - 1984 = 100)			
Gas (utility pipe gas)	96.1	92.5	+ 3.9
Electricity	111.3	107.9	+ 3.2
Fuel Oil	81.6	78.5	+ 3.9

Source: Department of Commerce, Bureau of Labor Statistics

Index Total Gas Sales (1972 = 100)	58.9	56.9	+ 4.5
Gas Utility Prices ($/MMBtu)			
Residential	5.35	5.16	+ 3.5
Commercial	4.73	4.74	- 0.2
Industrial	2.96	3.09	- 4.4
Electric Generation	2.63	2.63	+ 0.3
Total	4.41	4.33	+ 1.9
Carriage Volumes[3] (Trillions of Btu)			
To Ultimate Consumers	425.3	332.1	+ 28.1
For Ultimate Consumers	130.9	122.0	+ 7.3
For Resale	439.3	394.3	+ 11.4
Total	995.5	848.4	+ 17.3

Source: American Gas Association

AVERAGE GAS UTILITY PRICES FOR THE 12 MONTH PERIOD ENDING
($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind. Only	Elec. Gen.	Other
1979	Dec.	2.522	2.918	2.665	2.261	2.120	1.937
1980	Dec.	3.134	3.612	3.336	3.184	2.651	2.667
1981	Dec.	3.650	4.161	3.909	3.311	3.241	3.458
1982	Dec.	4.456	4.969	4.721	3.969	4.090	4.303
1983	Dec.	5.120	5.882	5.508	4.486	4.198	4.921
1984	Dec.	5.128	5.938	5.511	4.410	4.222	4.869
1985	Dec.	5.017	5.953	5.441	4.248	3.812	4.791
1986	Dec.	4.602	5.651	5.035	3.650	2.726	4.025
1987	Dec.	4.315	5.387	4.764	3.112	2.513	3.424
1988[P]	Apr.	4.279	5.283	4.694	3.068	2.535	3.316
	May	4.162	5.277	4.678	3.050	2.513	3.318
	Jun.	4.150	5.271	4.661	3.026	2.506	3.302
	Jul.	4.142	5.270	4.648	2.988	2.512	3.337
	Aug.	4.242	5.267	4.630	2.952	2.562	3.344
	Sep.	4.242	5.267	4.620	2.936	2.577	3.361
	Oct.	4.244	5.270	4.617	2.909	2.590	3.356
	Nov.	4.262	5.279	4.613	2.912	2.618	3.336
	Dec.	4.293	5.295	4.634	2.922	2.645	3.395
1989[P]	Jan.	4.330	5.355	4.669	2.933	2.633	3.428
	Feb.	4.356	5.411	4.700	2.922	2.605	3.473
	Mar.	4.375	5.438	4.727	2.902	2.592	3.492
	Apr.	4.382	5.454	4.726	2.890	2.593	3.534

AVERAGE MONTHLY GAS UTILITY PRICES
($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind.& Elec.	Ind. Only	Elec. Only
1987	Apr.	4.29	5.26	4.78	2.92	3.25	2.53
	May	4.18	5.77	4.93	2.78	2.98	2.50
	Jun.	4.35	6.92	5.36	2.75	3.01	2.42
	Jul.	4.01	6.55	4.88	2.81	3.06	2.54
	Aug.	3.83	6.71	4.87	2.70	2.98	2.47
	Sep.	4.00	6.39	4.75	2.76	2.97	2.54
	Oct.	4.10	5.74	4.56	2.72	2.94	2.41
	Nov.	4.27	5.30	4.68	2.84	3.05	2.43
	Dec.	4.38	5.01	4.65	2.98	3.17	2.54
1988[P]	Jan.	4.37	4.91	4.57	2.95	2.99	2.79
	Feb.	4.46	5.33	4.61	3.21	3.28	2.94
	Mar.	4.37	5.06	4.63	2.99	3.20	2.55
	Apr.	4.33	5.16	4.74	2.92	3.09	2.63
	May	4.04	5.61	4.60	2.52	2.72	2.26
	Jun.	4.10	6.63	4.88	2.50	2.64	2.33
	Jul.	3.82	6.51	4.54	2.53	2.55	2.60
	Aug.	3.73	6.62	4.40	2.69	2.53	2.84
	Sep.	3.99	6.37	4.48	2.71	2.70	2.72
	Oct.	4.13	5.78	4.51	2.60	2.63	2.53
	Nov.	4.50	5.40	4.62	3.05	3.11	2.91
	Dec.	4.65	5.15	4.82	3.26	3.29	3.14
1989[P]	Jan.	4.66	5.21	4.80	3.01	3.13	2.56
	Feb.	4.67	5.27	4.82	2.99	3.20	2.41
	Mar.	4.53	5.29	4.85	2.80	3.00	2.40
	Apr.	4.41	5.35	4.73	2.84	2.96	2.63

Editor - Vanessa Chu (703/841-8503)

[1]Gas volumes are based on, and the percent change is a function of, the 69 sample companies whose sales constitute about 58% of total gas utility sales to ultimate consumers. The peak year in total sales for the gas utility industry occurred in 1972.
[2]1988 forecasts for the residential and commercial sectors are based on available 1988 monthly data with the remaining months derived by using a four year average. The industrial sector forecast (industrial only, electric generation, and transportation) is also based on available 1988 monthly data with the remaining months of 1988 heavily weighted by last years volumes with no adjustment made for degree days.
[3]Carriage volumes determined by using a simple straight expansion of sample data to represent the total gas utility industry. Carriage volumes for ultimate consumers are volumes owned by the ultimate consumer but delivered to another transporter, not the ultimate consumer, and are therefore broken out to eliminate double counting of volumes delivered to ultimate consumers.
P-Preliminary.

American Gas Association

Gas Stats

Planning and Analysis

Monthly Gas Utility Statistical Report

1515 Wilson Boulevard
Arlington, Virginia 22209

Department of Statistics
Editor: Vanessa Chu (703) 841-8503

MAY 1989

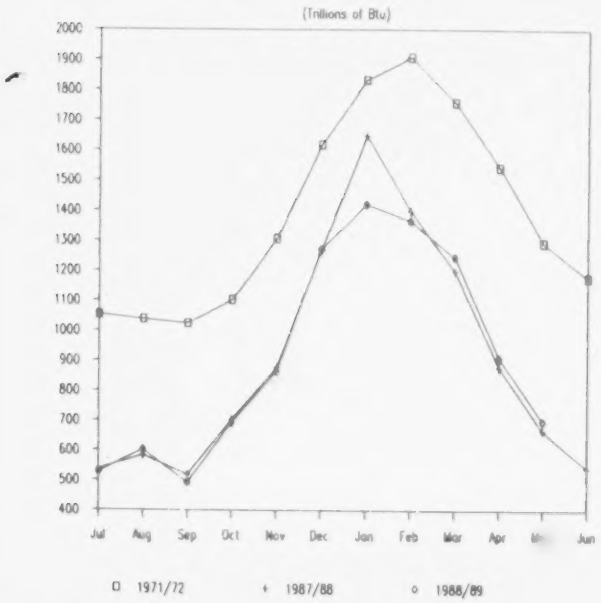
Residential, commercial and industrial sales increased while electric generation sales decreased in May 1989 compared with last year. Total utility sales were up from 667.3 trillion Btu in May 1988 to 699.5 trillion Btu in May 1989. Transportation volumes to end users were up 9.5 percent compared with last year.

GAS UTILITY VOLUMES TO ULTIMATE CONSUMERS (Trillions of Btu)

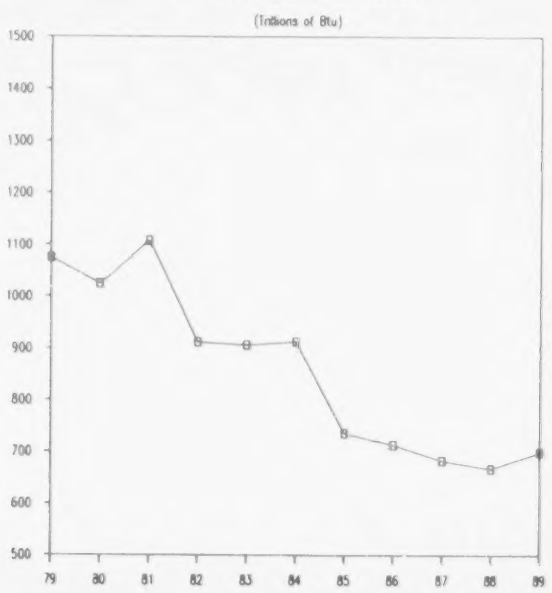
	May			Year to Date		January 1 to December 31		
	1989	1988	%Change[1]	1989	(% Change) Last Period	1989 Forecast[2]	1988p	% Change
Residential	258.0	240.5	+ 7.3	2,812.9	- 0.5	4,604.2	4,687.9	- 1.8
Commercial	130.5	126.5	+ 3.2	1,277.3	- 2.6	2,251.6	2,294.4	- 1.9
Industrial*	179.7	163.3	+ 10.0	990.2	- 9.7	2,237.8	2,343.8	- 4.5
Elec. Gen.*	120.6	128.1	- 5.9	471.6	+ 0.2	1,289.5	1,288.8	+ 0.1
Other	10.7	8.9	-	83.8	-	158.4	161.7	-
Total Sales	699.5	667.3	+ 4.8	5,635.8	- 2.6	10,541.5	10,776.6	- 2.2
Transportation*	395.2	360.9	+ 9.5	2,018.6	+ 17.4	4,370.0	4,070.1	+ 7.4
Total Volumes	1,094.7	1,028.2	+ 6.5	7,654.4	+ 2.0	14,911.5	14,846.7	+ 0.4**

*Significant sales volumes have been displaced by transportation volumes.
**No direct comparison with EIA consumption figures should be made.

TOTAL MONTHLY GAS UTILITY SALES



MAY TOTAL GAS UTILITY SALES



RESIDENTIAL APPLIANCE SHIPMENTS - MAY

(Thousands of Units)

		1989	1988	% Change '88 vs.'89
Domestic Ranges	- Gas	181.6	177.8	+ 2.1
	- Electric	263.4	250.8	+ 5.0
Clothes Dryers	- Gas	89.4	82.1	+ 8.9
	- Electric	284.1	271.3	+ 4.7
Water Heaters	- Gas	324.2	316.8	+ 2.3
	- Electric	277.7	273.3	+ 1.6
Warm Air Furnaces	- Gas	142.1	118.5	+ 19.9
	- Electric	28.5	29.6	- 3.6
	- Oil	7.9	8.5	- 7.2
Boilers	- Gas	8.4	10.0	- 15.4
	- Electric	N/A	0.1	N/A
	- Oil	6.4	6.7	- 4.3

Source: Gas Appliance Manufacturers Association (GAMA). Association of Home Appliance Manufacturers.

SPOT PRICES TO GAS DISTRIBUTION COMPANIES

(May 1989)

Receipt Point	Price ($/MMBtu)[a]
Northeast	$2.16
Southeast	$2.13
Midwest	$1.98
Southwest	$1.70
West	$2.09
Total	$2.05

Source: American Gas Association

[a]Represents average price paid at receipt point for a one-month contract.

ECONOMIC INDICATORS - MAY

	1989	1988	% Change '88 vs '89
Total Actual Private Housing Starts (Thous. of units)	132.6	140.2	- 5.4
Consumer Price Index (All urban, unadjusted, 1982 - 1984 = 100)			
Gas (utility pipe gas)	97.7	96.2	+ 1.6
Electricity	112.1	107.5	+ 4.3
Fuel Oil	80.3	78.2	+ 2.7

Source: Department of Commerce, Bureau of Labor Statistics

Index Total Gas Sales (1972 = 100)	54.1	51.6	+ 4.8
Gas Utility Prices ($/MMBtu)			
Residential	5.77	5.61	+ 2.9
Commercial	4.79	4.60	+ 4.1
Industrial	2.54	2.72	- 6.5
Electric Generation	2.60	2.26	+ 15.1
Total	4.18	4.04	+ 3.6
Carriage Volumes[3] (Trillions of Btu)			
To Ultimate Consumers	395.2	360.9	+ 9.5
For Ultimate Consumers	152.7	111.9	+ 36.5
For Resale	494.3	439.7	+ 12.4
Total	1042.2	912.5	+ 14.2

Source: American Gas Association

AVERAGE GAS UTILITY PRICES FOR THE 12 MONTH PERIOD ENDING

($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind. Only	Elec. Gen.	Other
1979	Dec.	2.522	2.918	2.665	2.261	2.120	1.937
1980	Dec.	3.134	3.612	3.336	3.184	2.651	2.667
1981	Dec.	3.650	4.161	3.909	3.311	3.241	3.458
1982	Dec.	4.456	4.969	4.721	3.969	4.090	4.303
1983	Dec.	5.120	5.882	5.508	4.486	4.198	4.921
1984	Dec.	5.128	5.938	5.511	4.410	4.222	4.869
1985	Dec.	5.017	5.953	5.441	4.248	3.812	4.791
1986	Dec.	4.602	5.651	5.035	3.650	2.726	4.025
1987P	Dec.	4.315	5.387	4.764	3.112	2.513	3.424
1988P	May	4.162	5.277	4.678	3.050	2.513	3.318
	Jun.	4.150	5.271	4.661	3.026	2.506	3.302
	Jul.	4.142	5.270	4.648	2.988	2.512	3.337
	Aug.	4.242	5.267	4.630	2.952	2.562	3.344
	Sep.	4.242	5.267	4.620	2.936	2.577	3.361
	Oct.	4.244	5.270	4.617	2.909	2.590	3.356
	Nov.	4.262	5.279	4.613	2.912	2.618	3.336
	Dec.	4.293	5.295	4.634	2.932	2.645	3.395
1989P	Jan.	4.330	5.355	4.669	2.933	2.633	3.428
	Feb.	4.356	5.411	4.700	2.922	2.605	3.473
	Mar.	4.375	5.438	4.727	2.902	2.592	3.492
	Apr.	4.382	5.454	4.726	2.890	2.593	3.534
	May	4.390	5.463	4.737	2.875	2.627	3.573

AVERAGE MONTHLY GAS UTILITY PRICES

($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind.& Elec.	Ind. Only	Elec. Only
1987	May	4.18	5.77	4.93	2.78	2.98	2.50
	Jun.	4.35	6.92	5.36	2.75	3.01	2.42
	Jul.	4.01	6.55	4.88	2.81	3.06	2.54
	Aug.	3.83	6.71	4.87	2.70	2.98	2.47
	Sep.	4.00	6.39	4.75	2.76	2.97	2.54
	Oct.	4.10	5.74	4.56	2.72	2.94	2.41
	Nov.	4.27	5.30	4.68	2.84	3.05	2.43
	Dec.	4.38	5.01	4.65	2.98	3.17	2.54
1988P	Jan.	4.37	4.91	4.57	2.95	2.99	2.79
	Feb.	4.46	4.92	4.61	3.21	3.28	2.94
	Mar.	4.37	5.06	4.63	2.99	3.20	2.55
	Apr.	4.33	5.16	4.74	2.92	3.09	2.63
	May	4.04	5.61	4.61	2.52	2.72	2.26
	Jun.	4.10	6.63	4.88	2.50	2.64	2.33
	Jul.	3.82	6.51	4.54	2.53	2.47	2.60
	Aug.	3.73	6.62	4.40	2.69	2.53	2.84
	Sep.	3.99	6.37	4.48	2.71	2.70	2.72
	Oct.	4.13	5.78	4.51	2.60	2.63	2.53
	Nov.	4.50	5.40	4.62	3.05	3.11	2.91
	Dec.	4.65	5.15	4.82	3.26	3.29	3.14
1989P	Jan.	4.66	5.21	4.80	3.01	3.13	2.56
	Feb.	4.67	5.27	4.82	2.99	3.20	2.41
	Mar.	4.53	5.29	4.85	2.80	3.00	2.40
	Apr.	4.41	5.35	4.73	2.84	2.96	2.53
	May	4.18	5.77	4.79	2.57	2.54	2.60

Editor - Vanessa Chu (703/841-8503)

[1]Gas volumes are based on, and the percent change is a function of, the 69 sample companies whose sales constitute about 58% of total gas utility sales to ultimate consumers. The peak year in total sales for the gas utility industry occurred in 1972.

[2]1989 forecasts for the residential and commercial sectors are based on available 1989 monthly data with the remaining months derived by using a four year average. The industrial sector forecast (Industrial only, electric generation, and transportation) is also based on available 1989 monthly data with the remaining months of 1989 heavily weighted by last years volumes with no adjustment made for degree days.

[3]Carriage volumes determined by using a simple straight expansion of sample data to represent the total gas utility industry. Carriage volumes for ultimate consumers are volumes owned by the ultimate consumer but delivered to another transporter, not the ultimate consumer, and are therefore broken out to eliminate double counting of volumes delivered to ultimate consumers.

American Gas Association

Planning and Analysis

Gas Stats

Monthly Gas Utility Statistical Report

1515 Wilson Boulevard
Arlington, Virginia 22209

Department of Statistics
Editor: Vanessa Chu (703) 841-8503

JUNE 1989

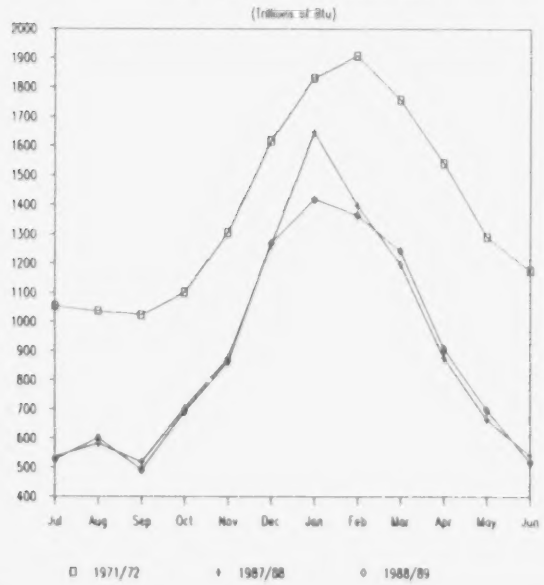
Industrial sales increased while residential, commercial and electric generation sales decreased in June 1989 compared with last year. Total utility sales were down from 541.9 trillion Btu in June 1988 to 519.1 trillion Btu in June 1989. Transportation volumes to end users were up 11.9 percent compared with last year.

GAS UTILITY VOLUMES TO ULTIMATE CONSUMERS (Trillions of Btu)

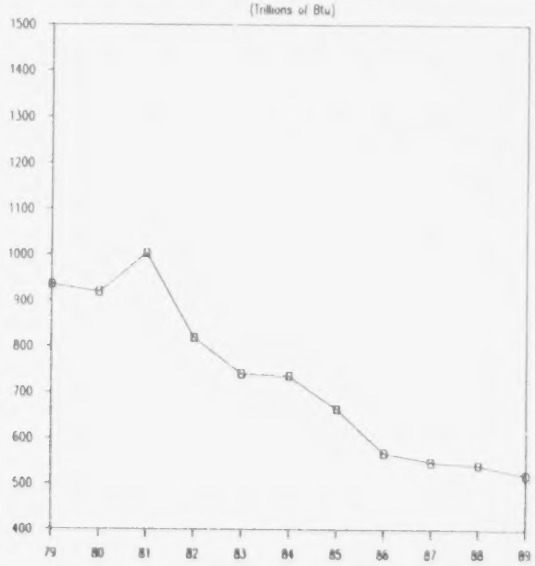
	June			Year to Date		January 1 to December 31		
	1989	1988	%Change[1]	1989	(% Change) Last Period	1989 Forecast[2]	1988p	% Change
Residential	145.3	157.5	- 7.7	2,958.2	- 0.8	4,596.1	4,687.9	- 2.0
Commercial	87.7	90.3	- 2.9	1,365.0	- 2.6	2,249.4	2,294.4	- 2.0
Industrial*	162.7	156.8	+ 3.8	1,152.9	- 8.0	2,243.7	2,343.8	- 4.3
Elec. Gen.*	114.7	131.1	- 12.5	586.3	+ 2.6	1,273.1	1,288.8	- 1.2
Other	8.7	6.2	-	92.5	-	159.8	161.7	-
Total Sales	519.1	541.9	- 4.2	6,154.9	- 2.8	10,522.1	10,776.6	- 2.4
Transportation*	402.4	359.5	+ 11.9	2,421.0	+ 16.5	4,459.2	4,116.4	+ 8.3
Total Volumes	921.5	901.4	+ 2.2	8,575.9	+ 2.0	14,981.3	14,893.0	+ 0.6**

*Significant sales volumes have been displaced by transportation volumes.
**No direct comparison with EIA consumption figures should be made.

TOTAL MONTHLY GAS UTILITY SALES



JUNE TOTAL GAS UTILITY SALES



RESIDENTIAL APPLIANCE SHIPMENTS - JUNE

(Thousands of Units)

		1989	1988	% Change '88 vs.'89
Domestic Ranges	- Gas	184.6	215.2	- 14.2
	- Electric	263.4	309.7	- 14.9
Clothes Dryers	- Gas	89.2	81.7	+ 9.2
	- Electric	299.3	300.8	- 0.5
Water Heaters	- Gas	345.2	332.7	+ 3.8
	- Electric	286.7	290.0	- 1.1
Warm Air Furnaces	- Gas	168.3	138.5	+ 21.5
	- Electric	31.3	30.9	+ 1.4
	- Oil	10.3	10.6	- 3.2
Boilers	- Gas	15.9	15.1	+ 4.9
	- Electric	N/A	0.1	N/A
	- Oil	11.8	11.5	+ 3.0

Source: Gas Appliance Manufacturers Association (GAMA). Association of Home Appliance Manufacturers.

SPOT PRICES TO GAS DISTRIBUTION COMPANIES

(June 1989)

Receipt Point	Price ($/MMBtu)[a]
Northeast	$2.16
Southeast	$1.94
Midwest	$1.87
Southwest	$1.85
West	$2.03
Total	$2.03

Source: American Gas Association

[a]Represents average price paid at receipt point for a one-month contract.

ECONOMIC INDICATORS - JUNE

	1989	1988	% Change '88 vs '89
Total Actual Private Housing Starts (Thous. of units)	144.0	150.2	- 4.1
Consumer Price Index (All urban, unadjusted, 1982 - 1984 = 100)			
Gas (utility pipe gas)	96.8	95.0	+ 1.9
Electricity	119.5	116.2	+ 2.8
Fuel Oil	78.6	77.1	+ 1.9

Source: Department of Commerce, Bureau of Labor Statistics

Index Total Gas Sales (1972 = 100)	44.1	46.1	- 4.2
Gas Utility Prices ($/MMBtu)			
Residential	6.76	6.63	+ 2.0
Commercial	4.99	4.88	+ 2.2
Industrial	2.56	2.64	- 3.3
Electric Generation	2.43	2.33	+ 4.1
Total	4.12	4.10	+ 0.5
Carriage Volumes[3] (Trillions of Btu)			
To Ultimate Consumers	402.4	359.5	+ 11.9
For Ultimate Consumers	162.2	100.4	+ 61.4
For Resale	393.5	375.6	+ 4.8
Total	958.1	835.5	+ 14.7

Source: American Gas Association

AVERAGE GAS UTILITY PRICES FOR THE 12 MONTH PERIOD ENDING

($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind. Only	Elec. Gen.	Other
1979	Dec.	2.522	2.918	2.665	2.261	2.120	1.937
1980	Dec.	3.134	3.612	3.336	3.184	2.651	2.667
1981	Dec.	3.650	4.161	3.909	3.311	3.241	3.458
1982	Dec.	4.456	4.969	4.721	3.969	4.090	4.303
1983	Dec.	5.120	5.882	5.508	4.486	4.198	4.921
1984	Dec.	5.128	5.938	5.511	4.410	4.222	4.869
1985	Dec.	5.017	5.953	5.441	4.248	3.812	4.791
1986	Dec.	4.602	5.651	5.035	3.650	2.726	4.025
1987[p]	Dec.	4.315	5.387	4.764	3.112	2.513	3.424
1988[p]	June	4.150	5.271	4.661	3.026	2.506	3.302
	July	4.142	5.270	4.648	2.988	2.512	3.337
	Aug.	4.242	5.267	4.630	2.952	2.562	3.344
	Sep.	4.242	5.267	4.620	2.936	2.577	3.361
	Oct.	4.244	5.270	4.617	2.909	2.590	3.356
	Nov.	4.262	5.279	4.613	2.912	2.618	3.336
	Dec.	4.293	5.295	4.634	2.922	2.645	3.395
1989[p]	Jan.	4.330	5.355	4.669	2.933	2.633	3.428
	Feb.	4.356	5.411	4.700	2.922	2.605	3.473
	Mar.	4.375	5.438	4.727	2.902	2.592	3.492
	Apr.	4.382	5.454	4.726	2.890	2.593	3.534
	May	4.390	5.463	4.737	2.875	2.627	3.573
	June	4.392	5.464	4.741	2.868	2.639	3.564

AVERAGE MONTHLY GAS UTILITY PRICES

($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind.& Elec.	Ind. Only	Elec. Only
1987	June	4.35	6.92	5.36	2.75	3.01	2.42
	July	4.01	6.55	4.88	2.81	3.06	2.54
	Aug.	3.83	6.71	4.87	2.70	2.98	2.47
	Sep.	4.00	6.39	4.75	2.76	2.97	2.54
	Oct.	4.10	5.74	4.56	2.72	2.94	2.41
	Nov.	4.27	5.30	4.68	2.84	3.05	2.43
	Dec.	4.38	5.01	4.65	2.98	3.17	2.54
1988[p]	Jan.	4.37	4.91	4.57	2.95	2.99	2.79
	Feb.	4.46	4.92	4.61	3.21	3.28	2.94
	Mar.	4.37	5.06	4.63	2.99	3.20	2.55
	Apr.	4.33	5.16	4.74	2.92	3.09	2.63
	May	4.04	5.61	4.61	2.52	2.72	2.26
	June	4.10	6.63	4.88	2.50	2.64	2.33
	July	3.82	6.51	4.54	2.53	2.47	2.60
	Aug.	3.73	6.62	4.40	2.69	2.53	2.84
	Sep.	3.99	6.37	4.48	2.71	2.70	2.72
	Oct.	4.13	5.78	4.51	2.60	2.63	2.53
	Nov.	4.50	5.40	4.62	3.05	3.11	2.91
	Dec.	4.65	5.15	4.82	3.26	3.29	3.14
1989[p]	Jan.	4.66	5.21	4.80	3.01	3.13	2.56
	Feb.	4.67	5.27	4.82	2.99	3.20	2.41
	Mar.	4.53	5.29	4.85	2.80	3.00	2.40
	Apr.	4.41	5.35	4.73	2.84	2.96	2.63
	May	4.18	5.77	4.79	2.57	2.54	2.60
	June	4.12	6.76	4.99	2.50	2.56	2.43

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P-Preliminary.

American Gas Association

Gas Stats

Monthly Gas Utility Statistical Report

Planning and Analysis

1515 Wilson Boulevard
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Department of Statistics
Editor: Vanessa Chu (703) 841-8503

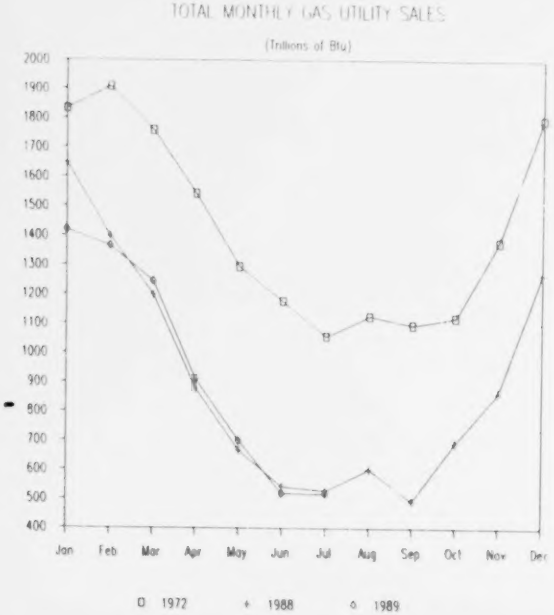
JULY 1989

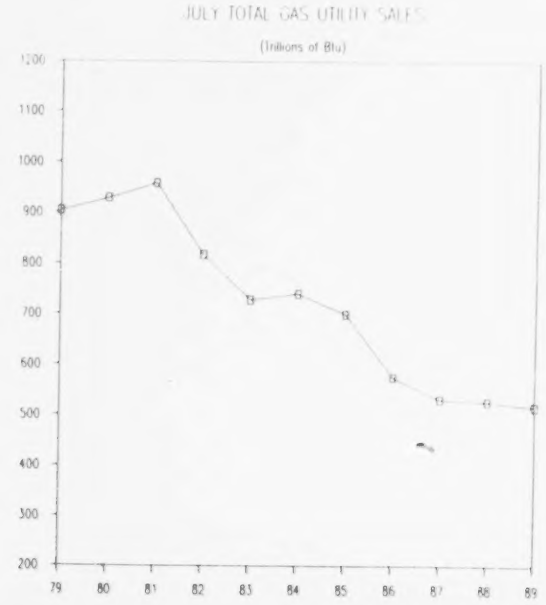
Industrial and electric generation sales increased while residential and commercial sales decreased in July 1989 compared with last year. Total utility sales were down from 527.1 trillion Btu in July 1988 to 516.9 trillion Btu in July 1989. Transportation volumes to end users were up 22.6 percent compared with last year.

GAS UTILITY VOLUMES TO ULTIMATE CONSUMERS (Trillions of Btu)

	July			Year to Date		January 1 to December 31		
	1989	1988	%Change[1]	1989	(% Change) Last Period	1989 Forecast[2]	1988p	% Change
Residential	120.7	127.3	- 5.2	3,078.9	- 1.0	4,589.2	4,687.9	- 2.1
Commercial	79.3	84.8	- 6.5	1,444.3	- 2.9	2,243.7	2,294.4	- 2.2
Industrial*	151.7	151.2	+ 0.3	1,304.6	- 7.1	2,244.2	2,343.8	- 4.2
Elec. Gen.*	158.2	156.2	+ 1.3	744.5	- 1.8	1,275.1	1,288.8	- 1.1
Other	7.0	7.6	-	99.5	-	157.8	161.7	-
Total Sales	516.9	527.1	- 1.9	6,671.8	- 2.7	10,510.0	10,776.6	- 2.5
Transportation*	420.1	342.6	+ 22.6	2,841.1	+ 17.4	4,571.7	4,151.4	+10.1
Total Volumes	937.0	869.7	+ 7.7	9,512.9	+ 2.5	15,081.7	14,928.0	+ 1.0**

*Significant sales volumes have been displaced by transportation volumes.
**No direct comparison with EIA consumption figures should be made.





RESIDENTIAL APPLIANCE SHIPMENTS - JULY

(Thousands of Units)

		1989	1988	% Change '88 vs.'89
Domestic Ranges	- Gas	148.8	156.6	- 5.0
	- Electric	217.5	245.4	- 11.4
Clothes Dryers	- Gas	69.2	73.8	- 6.2
	- Electric	236.2	254.4	- 7.2
Water Heaters	- Gas	302.9	286.8	+ 5.6
	- Electric	254.1	256.6	- 0.9
Warm Air Furnaces	- Gas	185.6	163.6	+ 13.5
	- Electric	26.2	27.2	- 3.6
	- Oil	10.7	14.9	- 28.4
Boilers	- Gas	12.0	14.0	- 14.6
	- Electric	N/A	0.1	N/A
	- Oil	8.2	9.6	- 14.1

Source: Gas Appliance Manufacturers Association (GAMA). Association of Home Appliance Manufacturers.

SPOT PRICES TO GAS DISTRIBUTION COMPANIES

(July 1989)

Receipt Point	Price ($/MMBtu)[a]
Northeast	$2.13
Southeast	$2.09
Midwest	$1.99
Southwest	$1.92
West	$2.05
Total	$2.04

Source: American Gas Association

[a]Represents average price paid at receipt point for a one-month contract.

ECONOMIC INDICATORS - JULY

	1989	1988	% Change '88 vs '89
Total Actual Private Housing Starts (Thous. of units)	134.3	137.0	- 2.0
Consumer Price Index (All urban, unadjusted, 1982 - 1984 = 100)			
Gas (utility pipe gas)	96.9	95.1	+ 1.9
Electricity	120.4	116.6	+ 3.3
Fuel Oil	77.8	74.4	+ 4.6

Source: Department of Commerce, Bureau of Labor Statistics

Index Total Gas Sales (1972 = 100)	48.9	49.9	- 1.9
Gas Utility Prices ($/MMBtu)			
Residential	6.75	6.51	+ 3.7
Commercial	4.78	4.54	+ 5.4
Industrial	2.64	2.47	+ 7.1
Electric Generation	2.46	2.60	- 5.5
Total	3.88	3.82	+ 1.5
Carriage Volumes[3] (Trillions of Btu)			
To Ultimate Consumers	402.1	342.6	+ 22.6
For Ultimate Consumers	133.9	90.8	+ 46.4
For Resale	394.0	392.9	+ 0.3
Total	947.0	826.3	+ 14.6

Source: American Gas Association

AVERAGE GAS UTILITY PRICES FOR THE 12 MONTH PERIOD ENDING ($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind. Only	Elec. Gen.	Other
1979	Dec.	2.522	2.918	2.665	2.261	2.120	1.937
1980	Dec.	3.134	3.612	3.336	3.184	2.651	2.667
1981	Dec.	3.650	4.161	3.909	3.311	3.241	3.458
1982	Dec.	4.456	4.969	4.721	3.969	4.090	4.303
1983	Dec.	5.120	5.882	5.508	4.486	4.198	4.921
1984	Dec.	5.128	5.938	5.511	4.410	4.222	4.869
1985	Dec.	5.017	5.953	5.441	4.248	3.812	4.791
1986	Dec.	4.602	5.651	5.035	3.650	2.726	4.025
1987	Dec.	4.315	5.387	4.764	3.112	2.513	3.424
1988[P]	July	4.142	5.270	4.648	2.988	2.512	3.337
	Aug.	4.242	5.267	4.630	2.952	2.562	3.344
	Sep.	4.242	5.267	4.620	2.936	2.577	3.361
	Oct.	4.244	5.270	4.617	2.909	2.590	3.356
	Nov.	4.262	5.279	4.613	2.912	2.618	3.336
	Dec.	4.293	5.295	4.634	2.922	2.645	3.395
1989[P]	Jan.	4.330	5.355	4.669	2.933	2.633	3.428
	Feb.	4.356	5.411	4.700	2.922	2.605	3.473
	Mar.	4.375	5.438	4.727	2.902	2.592	3.492
	Apr.	4.382	5.454	4.726	2.890	2.593	3.534
	May	4.390	5.463	4.737	2.875	2.627	3.573
	June	4.392	5.464	4.741	2.868	2.639	3.564
	July	4.395	5.469	4.750	2.880	2.622	3.576

AVERAGE MONTHLY GAS UTILITY PRICES ($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind.& Elec.	Ind. Only	Elec. Only
1987	July	4.01	6.55	4.88	2.81	3.06	2.54
	Aug.	3.83	6.71	4.87	2.70	2.98	2.47
	Sep.	4.00	6.39	4.75	2.76	2.97	2.54
	Oct.	4.10	5.74	4.56	2.72	2.94	2.41
	Nov.	4.27	5.30	4.68	2.84	3.05	2.43
	Dec.	4.38	5.01	4.65	2.98	3.17	2.54
1988[P]	Jan.	4.37	4.91	4.57	2.95	2.99	2.79
	Feb.	4.46	4.92	4.61	3.21	3.28	2.94
	Mar.	4.37	5.06	4.63	2.99	3.20	2.55
	Apr.	4.33	5.16	4.74	2.92	3.09	2.63
	May	4.04	5.61	4.61	2.52	2.72	2.26
	June	4.10	6.63	4.88	2.50	2.64	2.33
	July	3.82	6.51	4.54	2.53	2.47	2.60
	Aug.	3.73	6.62	4.40	2.69	2.53	2.84
	Sep.	3.99	6.37	4.48	2.71	2.70	2.72
	Oct.	4.13	5.78	4.51	2.60	2.63	2.53
	Nov.	4.50	5.40	4.62	3.05	3.11	2.91
	Dec.	4.65	5.15	4.82	3.26	3.29	3.14
1989[P]	Jan.	4.66	5.21	4.80	3.01	3.13	2.56
	Feb.	4.67	5.27	4.82	2.99	3.20	2.41
	Mar.	4.53	5.29	4.85	2.80	3.00	2.40
	Apr.	4.41	5.35	4.73	2.84	2.96	2.63
	May	4.18	5.77	4.79	2.57	2.54	2.60
	June	4.12	6.76	4.99	2.50	2.56	2.43
	July	3.88	6.75	4.78	2.55	2.64	2.46

Editor - Vanessa Chu (703/841-8503)

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P-Preliminary.

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AGA American Gas Association

Gas Stats

Monthly Gas Utility Statistical Report

Planning and Analysis

1515 Wilson Boulevard
Arlington, Virginia 22209

Department of Statistics
Editor: Vanessa Chu (703) 841-8503

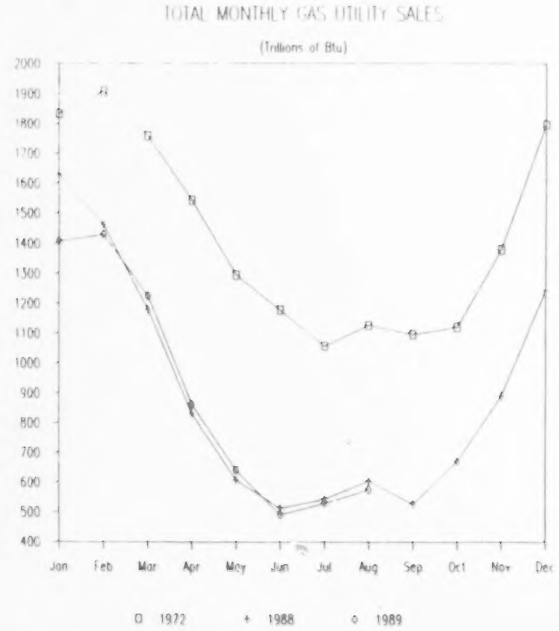
AUGUST 1989

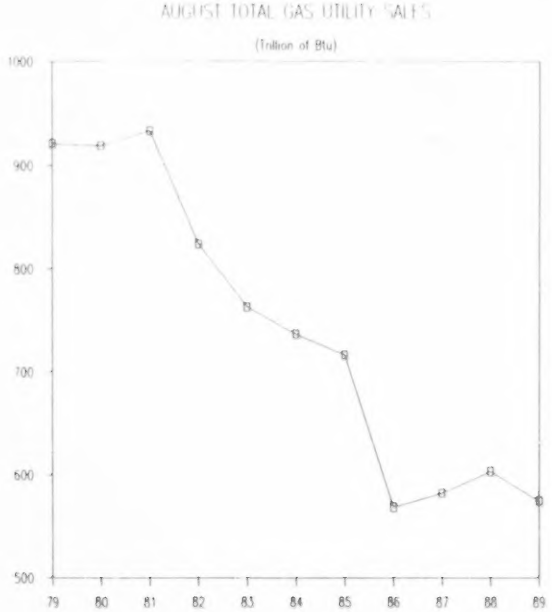
Residential sales increased while commercial, industrial and electric generation sales decreased in August 1989 compared with last year. Total utility sales were down from 603.2 trillion Btu in August 1988 to 574.1 trillion Btu in August 1989. Transportation volumes to end users were up 29.6 percent compared with last year.

GAS UTILITY VOLUMES TO ULTIMATE CONSUMERS (Trillions of Btu)

	August			Year to Date		January 1 to December 31		
	1989	1988	%Change[1]	1989	(% Change) Last Period	1989 Forecast[2]	1988R	% Change
Residential	119.7	117.9	+ 1.6	3,215.4	- 0.9	4,602.7	4,691.8	- 1.9
Commercial	81.3	85.2	- 4.6	1,536.4	- 3.0	2,249.4	2,303.5	- 2.3
Industrial*	142.6	152.5	- 6.5	1,327.2	- 6.9	2,105.2	2,204.2	- 4.5
Elec. Gen.*	221.1	240.9	- 8.2	966.8	- 4.0	1,290.7	1,331.0	- 3.0
Other	9.4	6.7	-	106.6	-	157.9	160.2	-
Total Sales	574.1	603.2	- 4.8	7,152.4	- 2.9	10,405.9	10,690.7	- 2.7
Transportation*	437.2	337.3	+ 29.6	3,278.3	+ 18.9	4,688.3	4,168.1	+12.5
Total Volumes	1,011.3	940.5	+ 7.5	10,430.7	+ 3.1	15,094.2	14,858.8	+ 1.6**

*Significant sales volumes have been displaced by transportation volumes.
**No direct comparison with EIA consumption figures should be made.





RESIDENTIAL APPLIANCE SHIPMENTS - AUGUST

(Thousands of Units)

		1989	1988	% Change '88 vs.'89
Domestic Ranges	- Gas	191.2	198.7	- 3.8
	- Electric	275.6	287.1	- 4.0
Clothes Dryers	- Gas	85.7	99.4	- 13.8
	- Electric	291.6	329.8	- 11.6
Water Heaters	- Gas	295.4	289.6	+ 2.0
	- Electric	259.0	272.9	- 5.1
Warm Air Furnaces	- Gas	216.0	200.7	+ 7.6
	- Electric	27.9	23.9	+ 16.5
	- Oil	21.8	22.6	- 3.5
Boilers	- Gas	20.9	20.3	+ 2.6
	- Electric	N/A	0.1	N/A
	- Oil	15.6	14.6	+ 7.1

Source: Gas Appliance Manufacturers Association (GAMA). Association of Home Appliance Manufacturers.

SPOT PRICES TO GAS DISTRIBUTION COMPANIES

(August 1989)

Receipt Point	Price ($MMBtu)[a]
Northeast	$2.09
Southeast	$2.08
Midwest	$1.85
Southwest	$1.82
West	$2.17
Total	$1.98

Source: American Gas Association

[a]Represents average price paid at receipt point for a one-month contract.

ECONOMIC INDICATORS - AUGUST

	1989	1988	% Change '88 vs '89
Total Actual Private Housing Starts (Thous. of units)	124.8	136.8	- 8.8
Consumer Price Index (All urban, unadjusted, 1982 - 1984 = 100)			
Gas (utility pipe gas)	97.3	95.2	+ 2.2
Electricity	120.4	116.8	+ 3.1
Fuel Oil	76.7	73.5	+ 4.4

Source: Department of Commerce, Bureau of Labor Statistics

Index Total Gas Sales (1972 = 100)	51.0	53.6	- 4.8
Gas Utility Prices ($/MMBtu)			
Residential	6.99	6.74	+ 3.8
Commercial	5.05	4.67	+ 8.1
Industrial	2.71	2.79	- 3.0
Electric Generation	2.29	2.56	- 10.5
Total	3.77	3.74	+ 0.9
Carriage Volumes[3] (Trillions of Btu)			
To Ultimate Consumers	437.2	337.3	+ 29.6
For Ultimate Consumers	133.8	84.9	+ 57.6
For Resale	439.7	406.6	+ 8.1
Total	1,010.7	828.8	+ 21.9

Source: American Gas Association

AVERAGE GAS UTILITY PRICES FOR THE 12 MONTH PERIOD ENDING

($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind. Only	Elec. Gen.	Other
1979	Dec.	2.522	2.918	2.665	2.261	2.120	1.937
1980	Dec.	3.134	3.612	3.336	3.184	2.651	2.667
1981	Dec.	3.650	4.161	3.909	3.311	3.241	3.458
1982	Dec.	4.456	4.969	4.721	3.969	4.090	4.303
1983	Dec.	5.120	5.882	5.508	4.486	4.198	4.921
1984	Dec.	5.128	5.938	5.511	4.410	4.222	4.869
1985	Dec.	5.017	5.953	5.441	4.248	3.812	4.791
1986[R]	Dec.	4.602	5.652	5.035	3.650	2.726	4.025
1987[R]	Dec.	4.315	5.387	4.764	3.112	2.511	3.427
1988[R]	Aug.	4.270	5.262	4.631	3.082	2.485	3.380
	Sep.	4.264	5.266	4.628	3.061	2.466	3.398
	Oct.	4.279	5.268	4.630	3.055	2.483	3.406
	Nov.	4.290	5.274	4.625	3.048	2.516	3.323
	Dec.	4.313	5.288	4.632	3.040	2.545	3.359
1989[P]	Jan.	4.349	5.347	4.667	3.047	2.535	3.395
	Feb.	4.375	5.406	4.698	3.037	2.496	3.448
	Mar.	4.394	5.434	4.725	3.014	2.481	3.468
	Apr.	4.400	5.449	4.724	3.002	2.479	3.481
	May	4.405	5.458	4.733	2.986	2.497	3.489
	June	4.407	5.459	4.737	2.980	2.505	3.486
	July	4.410	5.463	4.746	2.992	2.487	3.493
	Aug.	4.414	5.470	4.760	2.988	2.441	3.466

AVERAGE MONTHLY GAS UTILITY PRICES

($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind.& Elec.	Ind. Only	Elec. Only
1987	Aug.	3.83	6.71	4.87	2.71	3.01	2.47
	Sep.	4.00	6.39	4.75	2.76	2.97	2.54
	Oct.	4.10	5.74	4.56	2.72	2.94	2.41
	Nov.	4.27	5.30	4.68	2.84	3.05	2.43
	Dec.	4.38	5.01	4.65	2.98	3.17	2.54
1988[R]	Jan.	4.38	4.90	4.56	2.99	3.28	2.36
	Feb.	4.43	4.95	4.61	3.06	3.22	2.61
	Mar.	4.48	5.06	4.65	3.14	3.34	2.59
	Apr.	4.42	5.21	4.66	2.98	3.19	2.51
	May	4.22	5.59	4.61	2.79	3.05	2.43
	June	4.16	6.35	4.71	2.73	2.87	2.56
	July	3.81	6.58	4.66	2.52	2.76	2.35
	Aug.	3.74	6.74	4.67	2.65	2.79	2.56
	Sep.	3.88	6.52	4.66	2.55	2.71	2.34
	Oct.	4.34	5.74	4.60	2.83	2.87	2.69
	Nov.	4.40	5.36	4.62	2.99	2.97	3.05
	Dec.	4.58	5.13	4.71	3.14	3.10	3.32
1989[P]	Jan.	4.66	5.21	4.78	3.02	3.43	2.17
	Feb.	4.62	5.30	4.81	2.79	3.14	2.08
	Mar.	4.64	5.29	4.87	2.89	3.12	2.33
	Apr.	4.49	5.39	4.64	2.85	3.03	2.47
	May	4.32	5.75	4.79	2.77	2.83	2.67
	June	4.18	6.45	4.81	2.73	2.78	2.67
	July	3.86	6.81	4.90	2.53	2.95	2.23
	Aug.	3.77	6.99	5.05	2.45	2.71	2.29

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